AZD 093 660 512 16-3

#### **PCB REMEDIATION NOTICE**

WASHINGTON PARK CORPORATE
CENTER, DUPONT CIRCLE, 45<sup>TH</sup> STREET, WASHINGTON
STREET INFRASTRUCTURE, AND LOT 5
4400 BLOCK OF E. WASHINGTON ST.
PHOENIX, ARIZONA

JOB NO. 2187JK136



The Quality People Since 1955

#### PHOENIX - ARIZONA

3737 East Broadway Road Phoenix, Arizona 85040-2921 (602) 437-3737 • fax 470-1341

Prepared For:

AIG Retirement Services, Inc. 4800 N. Scottsdale Road, Suite 1200 Scottsdale, Arizona

July 27, 2007



3737 East Broadway Road Phoenix, Arizona 85040-2921 (602) 437-3737 • fax 470-1341

July 27, 2007

United States Environmental Protection Agency Region 9 Mail Code CED-4 75 Hawthorne Street San Francisco, California 94105

Attn: Mr. Christopher Rollins

Re:

PCB Remediation Notice

Washington Park Corporate Center

Infrastructure Land and Lot 5 45<sup>th</sup> Street and Dupont Circle

Phoenix, Arizona

WT Job No. 2187JK136

Western Technologies Inc. presents this remediation notice pursuant to 40 CFR §761.61(a)(3) for planned remediation to address the presence of polychlorinated biphenyls in soil within the Washington Park Corporate Center, between 44<sup>th</sup> Street and State Route 143, and Washington and Van Buren Streets, Phoenix, Arizona. The proposed area of remediation contains contiguous land within the development that includes proposed right-of-way land for 45<sup>th</sup> Street and Dupont Circle, infrastructure improvement land along Washington Street, and Lot 5 of the development. This is the second remediation notice submitted for the Washington Park Commerce Center. The first notice was submitted on May 18, 2007, and it addressed Lot 2 of the development, which is immediately west of this proposed area.

The site characterization data used to prepare this notice was collected during four separate sampling projects and the enclosed notice compiles the data. A 3-meter grid according to Subpart N was used to characterize the east and west ends of Dupont Circle. Since the results of interval sampling on the remaining portions of the proposed area of remediation showed a trend of PCB concentrations above 1 part per million, we included the entirety of the area in the remediation plan instead of implementing a Subpart N grid. We understand that EPA generally asks for site characterization according to Subpart N, but we are proposing this phase of remediation using the existing data since the proposed area of remediation extends to the boundaries of the included parcels. We believe the regulatory language may provide some latitude to use other characterization approaches, so we are requesting your review of this submittal to determine if the presented data is adequate to proceed to remediation. The clearance testing is still proposed using Subpart O criteria.

The proposed area of remediation in the Dupont Circle right-of-way contains an old septic system that consists of a tank and three seepage pits. Using site observations, aerial photographic evidence of structural development on site, and building inspection records from the City of Phoenix, we have concluded that the septic system received pre-1978 discharges of PCBs. A summary of the information is included in this remediation notice since the septic system is beneath the proposed area of remediation. We understand that the inclusion of the septic system in the Paragraph A clean-up

may not be allowed under the regulations, so we are proposing to manage the remediation waste derived from the removal of the septic system as non-TSCA solid waste, and we are interested in knowing whether EPA can express an opinion or concurrence, or provide guidance, about proceeding in this manner.

Copies of this notice have been submitted to the Arizona Department of Environmental Quality, to the Maricopa County Environmental Services, Air Quality Program, and to the City of Phoenix Environmental Programs.

If you have any questions about this notice, feel free to contact David Regonini at Western Technologies Inc. at 602-437-3737. Thank you for your attention to our project. We look forward to your review and commentary.

Respectfully,

WESTERN TECHNOLOGIES INC.

David Regonini, REA

Director, Environmental Services

C: Arizona Department of Environmental Quality
Maricopa County Environmental Services Department
City of Phoenix Environmental Programs



# WASHINGTON PARK CORPORATE CENTER DUPONT CIRCLE, 45<sup>TH</sup> STREET, WASHINGTON STREET INFRASTRUCTURE, AND LOT 5 NWC 45<sup>TH</sup> STREET AND WASHINGTON STRET PHOENIX, ARIZONA

### PCB REMEDIATION NOTICE WT JOB NO. 2187JK136

Western Technologies Inc. (WT) submits this notice of remediation pursuant to the requirements of the self-implementing clean-up procedures contained in 40 CFR § 761.61(a)(3).

#### INTRODUCTION

The Washington Park Corporate Center contains a multi-use planned development that is bounded by Van Buren Street on the north, Washington Street on the south, State Route 143 on the east, and 44<sup>th</sup> Street on the west. According to records from the Maricopa County Assessor's Office, the Assessor's Parcel Number for the site is 124-10-036A. The cadastral description of the Property, relative to the US Public Land Survey System, is generally within a portion of the southwest ¼ of the northwest ¼ of the northwest ¼ of the northwest ¼ of Section 7, Township 1 North, Range 4 East, Gila and Salt River Baseline and Meridian, Maricopa County, Arizona. Appendix A contains Figure 1 that depicts the location of the site and Figure 2 that shows the shows the lot plan for the development.

This remediation notice includes the following contiguous parcels:

- Dupont Circle proposed right-of-way, a 60-foot wide corridor from the 45<sup>th</sup> Street alignment, westward 300 feet,
- 45<sup>th</sup> Street proposed right-of-way, a 10- to 15-foot wide strip of bare land between existing pavement within the right-of-way, and Lot 1, Dupont Circle, and Lot 5.
- Lot 5, Future Retail/Restaurant, an approximate 32,000-square-foot lot, bounded by the Dupont Circle right-of-way on the north, the 45<sup>th</sup> Street right-of-way on the east, Washington Street on the south, and Lot 2 on the west. Lot 2, which is proposed as an Aloft Hotels development, was the subject of first remediation notice submitted to EPA on May 18, 2007. That project is currently in the verification testing phase.
- Washington Street Infrastructure Land, an approximate 6-foot strip of bare soil between Lot 5 and the sidewalk along Washington Street.

#### NATURE OF CONTAMINATION, 40 CFR § 761.61(a)(3)(A)

<u>Contaminated Surface Sediments:</u> The Washington Park Corporate Center consists of vacant, graded land that was assembled from multiple parcels formerly containing different commercial and industrial uses. An electric transformer repair and maintenance facility at 4444 East Washington Street



formerly occupied land within the proposed area of remediation and it was operated by businesses named National Electric Coil (NEC), McGraw-Edison, Vinson-Carter Electric, and Gross Electric. This facility operated from the 1950s until 1986 when it was the focus of a TSCA remediation project. According to available documentation, the land owner and EPA negotiated tiered clean-up standards with a maximum level of 25 mg/kg. Remediation was implemented in two phases. The final composite results after completion of the remediation ranged from <1.0 to 19.2 mg/kg. The source of PCBs currently detected at the Site is believed to be from the physical transport of soil with residual PCB material from the former NEC location due to grading.

Within the Dupont Circle right-of-way, surface soils contain PCBs, specifically Aroclor 1260, at concentrations ranging from 0.29 to 32 mg/kg in 24 grid samples and nine interval grab samples.

Within the 45<sup>th</sup> Street right-of-way, eleven individual samples were analyzed and five samples ranged from 1.5 to 2.6 mg/kg, one sample was reported at 1 mg/kg, and five samples ranged from 0.2 to 0.68 mg/kg.

Within Lot 5, eleven individual samples were analyzed and reported with PCBs ranging from 1.1 to 6.8 mg/kg in nine samples, with one sample reported at 10 mg/kg and one sample reported as less than method reporting limits of 0.085 mg/kg.

Within the Washington Street infrastructure land, consisting of a 6-foot strip of land between Lot 5 and the sidewalk, three individual samples were reported with PCB concentrations from 1.3 to 4.8 mg/kg, and four samples were reported with PCB concentrations from 0.2 to 0.58 mg/kg.

Prior Assessment Results: Two sample points within the Dupont Circle right-of-way were collected and analyzed as part of a preliminary evaluation for the presence of PCBs on Lot 2 of the Washington Park Corporate Center (WT Report No. 2186XK117, June 2006). A sample spacing of 50 feet was used to overlay an area with 20 sample points. Sample points P11 and P15 were later determined to be within the Dupont Circle right-of-way. Samples were taken from the surface and 1 and 3 feet at both of these points. At P11, PCBs were detected at 9.3 milligrams per kilogram (mg/kg) in the surface and at 2.3 to 3.0 mg/kg at 2 and 3 feet. At P15, only a trace PCB concentration of 0.6 mg/kg was detected at the surface, and PCBs were below method detection limits at 2 and 3 feet.

In April 2007, two borings were drilled in the Dupont Circle right-of-way as part of a Phase II site investigation (WT Job No. 2187JK136, May 2007). These two borings, B4 and B5, were sampled at 5-foot intervals to 20 feet deep. Concentrations of PCBs were reported as not detected, less than respective method reporting limits in all eight samples analyzed from Borings B4 and B5.

<u>Abandoned Septic System:</u> An abandoned septic system, comprised of a septic tank and three seepage pits, is present beneath the proposed area of remediation at the east end of the Dupont Circle right-of-way. Characterization of the septic system identified the presence of PCBs as follows:

In the hardened residual sludge within the tank (7.8 mg/kg),



- In soil beneath the outlet from the tank (0.092 mg/kg);
- Beneath the bottoms of all three seepage pits (0.35, 13, and 8.3 mg/kg); and
- In the sand fill of one leach pit (22 mg/kg).

Results from borings showed no PCBs detected below 15 feet at the tank or 20 to 25 feet at the seepage pits. Based on these results, PCB levels did not exceed 50 mg/kg in connection with the septic system. The results of a toxicity characteristic leaching procedure test for the eight RCRA regulated metals did not detect any levels exceeding the regulatory criteria for characteristic hazardous waste.

Through a review of historical information showing the sequence of structural development on the site, a review of available building inspection records, and observations of sewer pipe during site characterization activities, we have concluded that the septic system received pre-1978 discharges containing PCBs.

Sequence of Structural Development: The original building was constructed prior to 1957 and it consisted of a 50'x175' structure on the south end of east lot. By 1964, a second building measuring 70'x50' was installed 330' north of the original building. By 1970, the first addition to the original building added a 2,000-square-foot structure measuring 40'x50' off the north end of the west side. The facility now occupied the east and west halves of the parcel. By 1975, a third building measuring 90' x 25' was installed due north of the first addition. A second addition to the original building was added to the south of the first addition between January 1976 and January 1978. The final addition to original building was made on its west side, south of the two previous additions, prior to May 1978, and no further structural changes were noted until demolition became apparent after 1986.

Building Inspection Records: Based on records from the City of Phoenix Water Services Department, a sanitary sewer line was installed in Washington Street in 1963, after construction of the original building. Plumbing records obtained from the City of Phoenix Development Services Department for the property at 4444 East Washington Street are presented in Appendix B and are summarized in Table 1 below:

Table 1
Summary of Building Inspection Records
4444 East Washington Street

Date	Record	Ref. No.	Owner/Occupant
9/17/63	Building Permit	A50499	Gross Electric
Summary:	Masonry warehouse and of	fice. Notation that pl	umbing permit was also required.
9/10/63	Permit	F37689	Gross Electric

indicated	: Plumbing permit that included partial sewer inspections on Oct lovember 9.	toilets, lavatories, ober 25 and 28, v	water and sewer. Inspection notes with a final inspection "except for sand
9/22/69	Application, Plumbing Permit	10-83486	Vinson-Carter Electric
Summary: connection	: Submitted for building addition n.	to business office	e. Application included a sewer
9/25/68	Building Permit	10-38-10698- 6677	Vinson-Carter Gross Electric
Summary:	Addition to Warehouse, 2,000	square feet, noted	d plumbing permit required.
7/27/70	Certificate of Occupancy	10-38-10698- 6677	Joe Gross & Fay
Summary:	Documented a plumbing inspe	ction on May 25,	1969.
9/16/69	Building Permit	10-38-31347	Gross Electric
Summary:	Masonry Two-story office build	ing, plumbing per	mit required.

No records for the septic system were available since Maricopa County purged septic system records prior to 1985. But the septic system likely serviced the original building since it was constructed prior to sanitary sewer installation in Washington Street. The 1963 documents likely applied to second building installed on the north end of the lot. The 1968 and 1969 documents likely applied to the first addition to the original building.

Since the records indicate that sewer connections were required, and since all other on-site development occurred after the availability of public sewer access in 1963, the facility appears to have been connected to public sewer services prior to 1970.

Field Observations: During the site characterization activities, a 4-inch diameter clay pipe with rubber gasket fittings was uncovered bypassing the septic system. This pipe extended eastward where it entered a second clay pipe trending southward towards the reported location of a sewer tap in Washington Street. The orientations of the discovered pipes were consistent with a southward discharge line for the second building and a tie-in at the septic tank bypass for the original building. Therefore, physical evidence of the permitted public sewer connections was found in the field.

### SAMPLING PROCEDURES 40 CFR § 761.61(a)(3)(B)

The surface sampling procedures used for this characterization consisted of interval sampling and Subpart N grid composite sampling. Areas were screened for the presence of PCBs during Phase II environmental assessment activities. Where PCB concentrations trended above the selected clean-up



criteria, areas were re-sampled using a Subpart N sampling grid. Initially, re-sampling decisions were based on the 25-part-per-milion (PPM) standard for *Low Occupancy Areas* since the original remedial objective contemplated the use of the 25 PPM standard within proposed roadway areas. However, the remedial objective has been changed to the 1 PPM standard for *High Occupancy Areas* to remove the remediated areas from TSCA regulation. Areas where the interval sample results showed a consistent trend above 1 PPM were specified for remediation rather than further characterization using a Subpart N grid. Table 2 at the end of this report contains a summary of the sample results for all pre-cleanup characterization samples. All samples were shipped to Environmental Science Corporation (ESC) of Mount Juliet, Tennessee for analytical processing according to EPA method 8082. Appendix C contains copies of the laboratory reports and chains-of-custody records. Figures 3 through 6 in Appendix A depict the locations of samples that were taken during the various assessments that were used to compile the data.

Interval Grab Sampling - The interval samples were collected with manual sampling implements. At the designated sample points, a rock hammer was used to loosen soil in the upper 3 to 4 inches. A soil scoop was then used to place the soil into a laboratory-provided 4-ounce glass jar. Each jar was labeled with an alpha-numeric sample identification number, and the date and time of sample collection. Samples were then stored in a cooler with ice and recorded onto a chain-of-custody record. All sampling tools were cleaned between sample collection using a Liquinox wash, de-ionized water rinse, and methanol rinse.

Infrastructure/Right-Of-Way Interval Sampling - A preliminary evaluation for the presence of PCBs was made in a phase II environmental site assessment (WT Job No. 2187JK136, May 21, 2007). This assessment included the testing 26 surface samples from within the proposed area of remediation. Each sample point was analyzed as an individual grab sample.

Four field duplicate pairs were collected, including Samples 45-3 and 45-203, DC-4 and DC-204, DC-9 and DC-209, and WSH-21 and WSH-221. The relative percent differences ranged from 6.5% to 133%. The duplicate pair DC-9 and DC-209 was with divergent results for the individual samples that produced a range that exceeded the average, leading to a RPD above 100%. Compared to the next closest value of 31.9%, the results for DC-9/DC-209 appear to be statistically outside the limits of acceptance for the duplicate data sets. The average RPD for the three remaining pairs was 17.1%.

Lot 5 Interval Sampling – WT performed a Phase II environmental assessment of Lot 5 (WT Job No. 2187JK157, June 4, 2007) that included the collection of eleven individual samples from the surface of Lot 5 using a 50-foot spacing. The sampling configuration was derived from a hexagonal grid consisting of three rows centered in the lot and separated by a 43-foot distance. Figure 4 depicts the sample locations. PCB concentrations ranged from <0.085 mg/kg to 10 mg/kg, with only one sample falling below the 1 PPM standard for High Occupancy Areas. Since these preliminary results indicated a lot-wide trend of PCB



concentrations above 1 PPM, further characterization using a Subpart N grid was not implemented in favor of proceeding directly to remediation.

Grid Composite Sampling - A composite collection technique was used in the field to create the Subpart N grid composite samples. At each grid point, soils were loosened and mixed using a precleaned rock hammer with an approximate 3- to 4-inch diameter area to a depth of 4 inches. Soils were collected using plastic, disposable 5-gram Terra Core sample collection devices. At each grid consisting of seven or nine points, three 5-gram aliquots of soil were transferred directly to a 4-ounce glass jar. At grids consisting of three points, nine 5-gram aliquots from each point were composited. At grids consisting of six points, four 5-gram aliquots from each point were composited. Once each composite sample was collected, the jar was capped, labeled and mixed by repeatedly tumbling and rotating it by hand. Between grid points, the rock hammer was decontaminated using a procedure that consisted of spraying and wiping the hammer with a Liquinox soapy water solution, followed by a dejonized water spray rinse, then by a methanol spray rinse.

Dupont Circle, West End, Subpart N Grid Sampling – The PCB Remediation Notice for the Washington Park Corporate Center, Lot 2, which was submitted to EPA on May 18, 2007, contained the characterization data for this section of Dupont Circle. A 3-meter square grid was constructed across the original area of concern. Each of the grids consisted of a six- to nine-point composites. A total of twelve grids within the northeastern corner of the layout were within the Dupont Circle right-of-way. The grid composites were identified with the alpha-numeric designations of the first and last sub-samples within each composite. The twelve grid composites within the right-of-way included: P25-R27, P28-R30, P31-R33, P34-R36, M28-O30, M31-O33, M34-O36, J31-L33, J34-M36, J37-R37, S25-S30, and S31-S37. Grid Composite M31-O33 was duplicated in the field and the duplicate sample was identified as O33-M31. The duplicates were reported with PCBs at 5.4 and 6.0 mg/kg, for a relative percent difference of 10.5%.

Dupont Circle, East End, Subpart N Grid Sampling - Based on initial surface sampling, a grid was laid out to cover the east 33 meters (108 feet) of the 60-foot-wide right-of-way. The grid overlaid interval samples DC1 through DC3. A uniform grid using a 3-meter square pattern pursuant to the procedures outlined in Sub-Part N (§761.265(a)) was used to characterize the surface. A grid line was placed along the centerline of the right-of-way, and subsequent grid lines were laid in 3-meter intervals from east-to-west. Grid lines running north-to-south were also placed at 3-meter intervals. The grid lines were measured from the surveyed east end of the Dupont Circle right-of-way. The grid sample points were defined by the intersections of the gridlines. A total of eight grids consisting of nine points each and four grids consisting of three points each were sampled. Each grid was identified with sample numbers corresponding to row and column numbers. The twelve grid composites were identified as G1-1, G1-2, G1-3, G1-4, G2-1, G2-2, G2-3, G2-4, G3-1, G3-2, G3-3, and G3-4. A field duplicate sample was collected by repeating the composite collection procedure at Grid G2-3. The relative percent difference (RPD) for duplicate pair was 22.2%.



Vertical Profile Sampling - Vertical profile sampling was also performed as part of this characterization using hollow-stem auger (HSA) and hydraulic push drill rigs. The initial sampling approach with the hydraulic push rig included the continuous sampling of 2-foot core samples with acetate sleeves, but shallow refusal necessitated the use of the HSA drill rig. Seven continuous sampling boreholes were advanced to 4.5 feet deep. Samples were obtained by driving the California-modified split barrel sampler loaded with three 6-inch brass sleeves a depth of 18 inches into undisturbed soil. At each boring, the 6-inch brass sleeve corresponding to the 1-to-1½-foot interval, the 2-to-2½-foot interval, and the 3½-to-4-foot interval were collected for analysis. Each sample was identified with a sample number consisting of the boring number and the depth of collection. The downhole sampling equipment was decontaminated between each sampling event using a liquinox wash, tap water rinse, de-ionized water rinse, and methanol rinse.

The vertical profile sampling measured PCBs at 65 and 78 mg/kg at 2 feet deep in one grid. PCBs ranged from 1.6 to 16 mg/kg in four samples taken from 1.5 to 2.5 feet in three other grids, and from below detection limits to 1 mg/kg in eleven samples taken from 1.5 to 4 feet deep in six grids.

### LOCATION AND EXTENT OF IDENTIFIED CONTAMINATED AREA 40 CFR § 761.61(a)(3)(C)

The proposed land use addressed in this phase of remedation will be for roadways and retail/restaurant uses. The clean-up level selected for this work will be ≤1 mg/kg. The results for the pre-cleanup characterization samples are summarized as follows:

Dupont Circle Right-of-Way – PCB concentrations detected in 26 surface samples ranged from 0.2 to 32 mg/kg. The highest surface concentrations of PCBs detected were in Samples DC1 and DC2 from the east end of the right-of-way at 32 and 21 mg/kg. Another three samples (DC6 to DC8) were within the pre-cleanup site characterization grid for the Washington Park Lot 2. Sample DC9 was just outside that grid and was reported with an average PCB concentration of 0.72 mg/kg. One Grid was measured with 65 and 72 mg/kg of PCBs at 2 feet deep, which were the highest levels detected. This area will be excavated and disposed as TSCA waste. The remaining eleven grids from the east end were reported with PCB concentrations ranging from 1.0 to 37 mg/kg. In the west end, ten grids contained PCBs at concentrations ranging from 1.2 to 5.8 mg/kg. Two grids along the north side of the area were reported with PCBs below the 1 PPM remedial objective, at concentrations of 0.29 and 0.44 mg/kg.

45<sup>th</sup> Street Right-of-Way - Six of eleven samples were at or above the 1 PPM standard with concentrations ranging from 1.0 to 2.6 mg/kg.

Washington Street Infrastructure Land - Three of five samples exceeded the 1 PPM standard with concentrations ranging from 1.3 to 4.8 mg/kg. The five Washington Street samples and three of the 45<sup>th</sup> Street samples adjoin Lot 5.

Lot 5 – PCB concentrations ranged from <0.085 mg/kg to 10 mg/kg, with only one sample falling below the 1 PPM standard for *High Occupancy Areas*. Therefore, the preliminary data was interpreted as



showing a lot-wide trend of PCBs above the remedial objective.

The extent of the identified contaminated area extends from the pavement in the 45th Street right-ofway to the west lot line of Lot 5, and to the western extent of the Dupont Circle right-of-way, and to the east lot line of Lot 3. The area also extends from the sidewalk along Washington Street, northward to the north lot line of the Dupont Circle right-of-way, inclusive of Lot 5. Except for the western limit of removal in the Dupont Circle right-of-way, the limits of removal will extend to the respective lot lines for the identified areas. The total estimated surface of the planned removal area covers approximately 5600 square meters. A minimum removal depth of 1 foot is planned, but depths will extend to 2 to 3 feet within the eastern end of the Dupont Circle right-of-way to remediate levels exceeding 1 PPM at those depths. Figure 7 in Appendix A shows the proposed area of remedation.

### CLEANUP PLAN, 40 CFR § 761.61(a)(3)(D)

The target remediation goal will be 1 mg/kg as specified for high occupancy areas. The remedial approach will involve excavation, loading, transport, and disposal of the removed soil as solid waste. Soil in the vicinity of Grid G3-2 will be excavated, transported, and disposed as TSCA regulated waste. The consultant, contractor, and selected disposal facilities are listed below:

#### Consultant:

Western Technologies Inc. 3737 East Broadway Road Phoenix, AZ 85040 Tel: 602-437-3737

#### Contractors:

Ecology Control Industries, Inc. 3641 East Superior Avenue Phoenix, AZ 85040 Tel: 602-437-2990 Contractor's License No. 143179

Environmental Response Inc. 2202 West Medtronic Way, Suite 108 Tempe, Arizona 85281 Tel: 480-967-2802 Contractor's License No. 101060, 101061, 101110

### TSCA Disposal Facility:

US Ecology 12 miles South of Beatty, Highway 95 Beatty, Nevada 89003 Tel: 775-553-2203



EPA ID: NVT330010000

Sub-Title D Disposal Facility: Waste Management, Inc. Butterfield Station Landfill 4404 South 99<sup>th</sup> Avenue Mobile, Arizona 85239 Tel: 602-256-0630

Areas where soils contain PCB concentrations above 1 mg/kg will be excavated to a minimum depth of 1 foot and stockpiled on Site, then loaded into eighteen wheel end dumps for transport to the designated facility. The planned area of remediation will be staked based on the grid locations derived from the existing grid line end points.

The contractor will obtain a dust control permit from Maricopa County Environmental Services. The permit will document areas of disturbance, dust control methods employed, ingress and egress routes to the work site, and engineering controls, including track-out beds, tire grids, street sweeping and periodic water applications. A water truck will be on-site during all soil disturbing activities to apply suppression water to roadways, the work face, and stockpiles. A copy of the plan will be included in the documentation available at the WT office.

The initial removal work will address the high concentration PCBs in soil within Grid G3-2. Grids G3-1, G3-3, G2-1, G2-2, and G2-3 will be removed to a minimum depth of 2 feet. Grid G2-4 will be removed to a minimum depth of 3 feet. Once the surface material has been removed. The septic system will be excavated from the ground. Waste profiling for the septic system will be made separately from the surface soil removal. At this time, the septic system is planned for solid waste disposal at the Butterfield Station Landfill. If solid waste disposal is not permissible for this material, then disposal will occur as TSCA regulated waste at Beatty, Nevada.

Western Technologies will oversee the excavation work to track depth of removal, shipments leaving the Site, document progress, interpret and respond to unanticipated changed job-site conditions, and to perform the verification grid sampling.

Once grid sections have been cleared to the required 1-foot depth and operations have moved outside the area, confirmation grid sampling according to Sub-Part O, using a 1.5-meter grid, will be conducted. The grid will be centered east-to-west in the removal area, with north-to-south grid lines set parallel to the 45<sup>th</sup> Street right of way lot line. The grid will be kept square by verifying diagonal measurements between grid points and comparing them to calculated distances. Metric measuring tapes will be used to identify the 1.5-meter grid intervals by connecting the tape to the staked endpoints of the grid line. This will allow us to perform the closure testing while remediation continues, which provides us the ability to return to the previously excavated grids if the remedial objective was not met by the removal of the initial .0.3 meter (1 foot) lift. Subsequent lifts of 0.3 meter will be implemented until verification samples are at or below 1 mg/kg. Grid sample designations will be made



by using the grid row and column numbers. Grids north of the center line will be preceded with an "N" and grids south will be preceded with an "S". Field duplicate samples will be collected at a frequency of 5%. Duplicates of north grids will be identified by replacing the "N" in the sample number with an "A", and duplicates of south grids will be identified by replacing the "S" with a "B".

The collected verification samples will be analyzed by Environmental Science Corporation according to EPA method 8082. All samples will be documented using chain-of-custody procedures.

The field work will be conducted using level D personnel protective clothing under a site safety and health plan based on Western Technologies standard Project Safety Assessment. The safety plan will contain the personnel protective clothing requirements and medical emergency contacts and procedures. Work site requirements will include steel-toed shoes, hard hats, safety vests, and work gloves. Sampling work will include the use of disposal latex gloves.

The following schedule is planned, depending on final review by EPA:

•	Receipt of Remediation N	otice by EPA	July 27
•	•	rovals	
		it	
	Utility Clearance		August 26
	Begin Removal Work A		
Ħ	Complete Removal Work		September 17
	Collect/Analyze Sub-Part	O Grid Samples	Aug 27-Sept 24
#	Receive/Review Closure F	Results	September 28
×	Prepare/Issue Final Reme	ediation Report	October 5

Based on the results of the Phase II Environmental Site Assessments performed to date, we do not expect to encounter unplanned conditions. Since the site consists of a cleared and graded lot of land, the only potential event would be the uncovering of a subsurface feature. Materials encountered will be segregated and profiled to determine the concentration of PCBs, and the selection of a final disposal facility. The contractor will have additional storage containers, consisting of 20-yard roll-off boxes, on-call at their operations yard, which is approximately 5 miles from the Site. These boxes will be used to segregate materials uncovered by the remediation work, but not included in the previous site characterization.



## WASHINGTON PARK CORPORATE CENTER DUPONT CIRCLE AND 45<sup>TH</sup> STREET RIGHT-OF-WAY WASHINGTON STREET INFRASTRUCTURE LOT 5

### PCB REMEDIATION NOTICE WT JOB NO. 2187JK136

### CERTIFICATION OF DOCUMENT AVAILABILITY 40 CFR § 761.61(a)(3)(E)

By our signatures, we certify that all sampling plans, sample collection procedures, sample preparation procedures, extraction procedures and instrumental/chemical analysis procedures used to assess or characterize the PCB contamination at the following site:

to assess or characterize	e the PCB contamination at the following site:
PCB Clean-Up Site:	Washington Park Corporate Center  Dupont Circle Right-of-Way  45 <sup>th</sup> Street Right-of-Way  Washington Street Infrastructure Land  Lot 5  Northwest Corner of 45 <sup>th</sup> Street and Washington Street  Phoenix, Arizona;
are on file at the followin	g location:
Document Location:	Western Technologies, Inc. 3737 East Broadway Road Phoenix, Arizona 85040 WT Job No. 2187JK026 Tel: 602-437-3737 Contact: David Regonini, Project Manager
and are available for EP	A inspection.
Owner of the Property:	
Company: AIG Retire	ement Services, Inc.
Name: <u>Douglas Tymir</u>	Title: Authorized Agent
Signature:	Date: 7/26/07
Party Conducting the C	Clean-Up:
Company: Western	Technologies Inc.
Name: <u>David Regońin</u>	Title: Director, Environmental Services
Signature:	Date: July 26, 2007

## Washington Park Corporate Center Dupont Circle, 45th Street, Wshington Street Infrastructure, and Lot 5 44th Street/Washington Street, Phoenix, AZ

Results in Mlligrams per Kilogram (mg/kg)

Sample No.	Area	Purpose	Depth	PCBs	Sampled	Analyzed	WT Ref.
P11	Dupont Circle, West End	surface evaluation	surface	9.7	5/22/06	5/25/06	2186XK117
P11-1	Dupont Circle, West End	subsurface evaluation	1'	2.3	5/22/06	5/31/06	2186XK117
P11-3	Dupont Circle, West End	subsurface evaluation	3'	3.0	5/22/06	5/31/06	2186XK117
P15	Dupont Circle, West End	surface evaluation	surface	0.6	5/22/06	5/25/06	2186XK117
P15-1	Dupont Circle, West End	subsurface evaluation	1'	<0.017	5/22/06	5/30/06	2186XK117
P15-3	Dupont Circle, West End	subsurface evaluation	3'	< 0.017	5/22/06	5/30/06	2186XK117
P25-R27	Dupont Circle, West End	Self-implementing grid	surface	1.2	1/15/07	1/18/07	2187JK026
P28-R30	Dupont Circle, West End	Self-implementing grid	surface	1.6	1/15/07	1/17/07	2187JK026
P31-R33	Dupont Circle, West End	Self-implementing grid	surface	2.6	1/15/07	1/17/07	2187JK026
P34-R36	Dupont Circle, West End	Self-implementing grid	surface	5.8	1/15/07	1/18/07	2187JK026
M28-O30	Dupont Circle, West End	Self-implementing grid	surface	5.0	1/15/07	1/18/07	2187JK026
M31-O33	Dupont Circle, West End	Self-implementing grid	surface	5.4	1/15/07	1/17/07	2187JK026
O33-M31	Dupont Circle, West End	Self-implementing grid	surface	6	1/15/07	1/17/07	2187JK026
M34-O36	Dupont Circle, West End	Self-implementing grid	surface	4.7	1/15/07	1/18/07	2187JK026
J31-L33	Dupont Circle, West End	Self-implementing grid	surface	2.9	1/15/07	1/17/07	2187JK026
J34-L36	Dupont Circle, West End	Self-implementing grid	surface	5	1/15/07	1/18/07	2187JK026
J37-R37	Dupont Circle, West End	Self-implementing grid	surface	5.2	1/15/07	1/17/07	2187JK026
S25-S30	Dupont Circle, West End	Self-implementing grid	surface	0.29	1/26/07	1/29/07	2187JK026
S31-S37	Dupont Circle, West End	Self-implementing grid	surface	0.44	1/26/07	1/29/07	2187JK026
45-1	45th Street ROW	surface evaluation	surface	0.68	4/19/07	4/27/07	2187JK136
45-2	45th Street ROW	surface evaluation	surface	2.6	4/19/07	4/27/07	2187JK136
45-3	45th Street ROW	surface evaluation	surface	1.6	4/19/07	4/27/07	2187JK136
45-203	45th Street ROW	surface evaluation	surface	1.5	4/19/07	4/30/07	2187JK136
45-4	45th Street ROW	surface evaluation	surface	0.43	4/19/07	4/27/07	2187JK136
45-5	45th Street ROW	surface evaluation	surface	2.5	4/19/07	4/27/07	2187JK136
45-6	45th Street ROW	surface evaluation	surface	0.4	4/19/07	4/27/07	2187JK136
45-7	45th Street ROW	surface evaluation	surface	0.43	4/19/07	4/27/07	2187JK136
45-8	45th Street ROW	surface evaluation	surface	2.3	4/19/07	4/27/07	2187JK136
45-9	45th Street ROW	surface evaluation	surface	0.41	4/19/07	4/27/07	2187JK136
45-10	45th Street ROW	surface evaluation	surface	1	4/19/07	4/27/07	2187JK136
45-11	45th Street ROW	surface evaluation	surface	0.2	4/19/07	4/27/07	2187JK136
DC-1	Dupont Circle ROW	surface evaluation	surface	32	4/19/07	4/28/07	2187JK136
DC-2	Dupont Circle ROW	surface evaluation	surface	21	4/19/07	4/28/07	2187JK136
DC-3	Dupont Circle ROW	surface evaluation	surface	10	4/19/07	4/28/07	2187JK136
DC-4	Dupont Circle ROW	surface evaluation	surface	0.87	4/19/07	4/27/07	2187JK136

## Washington Park Corporate Center Dupont Circle, 45th Street, Wshington Street Infrastructure, and Lot 5 44th Street/Washington Street, Phoenix, AZ

Results in Miligrams per Kilogram (mg/kg)

Sample No.	Area	Purpose	Depth	PCBs	Sampled	Analyzed	WT Ref.
DC-204	Dupont Circle ROW	surface evaluation	surface	1.2	4/19/07	4/30/07	2187JK136
DC-5	Dupont Circle ROW	surface evaluation	surface	12	4/19/07	4/28/07	2187JK136
DC-6	Dupont Circle ROW	surface evaluation	surface	5.8	4/19/07	4/28/07	2187JK136
DC-7	Dupont Circle ROW	surface evaluation	surface	9.2	4/19/07	4/28/07	2187JK136
DC-8	Dupont Circle ROW	surface evaluation	surface	1.2	4/19/07	4/27/07	2187JK136
DC-9	Dupont Circle ROW	surface evaluation	surface	1.2	4/19/07	4/27/07	2187JK136
DC-209	Dupont Circle ROW	surface evaluation	surface	0.24	4/19/07	4/28/07	2187JK136
DC-10	Dupont Circle ROW	surface evaluation	surface	0.25	4/19/07	4/27/07	2187JK136
WSH-18	Washington St. Infrastructure	surface evaluation	surface	4.8	4/19/07	4/29/07	2187JK136
WSH-19	Washington St. Infrastructure	surface evaluation	surface	3.7	4/19/07	4/27/07	2187JK136
WSH-20	Washington St. Infrastructure	surface evaluation	surface	1.3	4/19/07	4/26/07	2187JK136
WSH-21	Washington St. Infrastructure	surface evaluation	surface	0.51	4/19/07	4/27/07	2187JK136
WSH-221	Washington St. Infrastructure	surface evaluation	surface	0.58	4/19/07	4/30/07	2187JK136
WSH-22	Washington St. Infrastructure	surface evaluation	surface	0.21	4/19/07	4/28/07	2187JK136
B4-5	Dupont Circle ROW	subsurface profile of former NEC	5'	< 0.085	4/23/07	4/25/07	2187JK136
B4-10	Dupont Circle ROW	subsurface profile of former NEC	10'	<0.085	4/23/07	4/25/07	2187JK136
B4-15	Dupont Circle ROW	subsurface profile of former NEC	15'	<0.085	4/23/07	4/25/07	2187JK136
B4-20	Dupont Circle ROW	subsurface profile of former NEC	20'	<0.085	4/23/07	4/25/07	2187JK136
B5-5	Dupont Circle ROW	subsurface profile of former NEC	5'	<0.085	4/23/07	4/25/07	2187JK136
B5-10	Dupont Circle ROW	subsurface profile of former NEC	10'	<0.085	4/23/07	4/25/07	2187JK136
B5-15	Dupont Circle ROW	subsurface profile of former NEC	15'	<0.085	4/23/07	4/25/07	2187JK136
B5-20	Dupont Circle ROW	subsurface profile of former NEC	20'	<0.085	4/23/07	4/25/07	2187JK136
T2-2-6	Dupont Circle ROW	Trench sample	2'	78	4/26/07	5/1/07	2187JK136
ТВЗР	Dupont Circle ROW	Grab sample from trench	2'	28	4/26/07	5/1/07	2187JK136
E-OUTLET	Septic System	Beneath tank outlet	4'	bdl	4/26/07	4/30/07	2187JK136
INLET-W	Septic System	beneath tank inlet	4'	bdl	4/26/07	5/1/07	2187JK136
SEPTIC-C	Septic System	tank contents	na	7.8	4/26/07	5/1/07	2187JK136
SEPTIC-E10	Septic System	east bottom of tank	10'	0.092	4/26/07	4/30/07	2187JK136
SEPTIC-W8	Septic System	west bottom of tank	8'	bdl	4/26/07	4/30/07	2187JK136
LPC12	Septic System	sand in middle leach pit	12'	bdl	4/26/07	4/30/07	2187JK136
LP-15.5	Septic System	below middle leach pit	15.5'	0.35	4/26/07	4/30/07	2187JK136
NLPC-12	Septic System	sand in north leach pit	12'	22	4/26/07	5/1/07	2187JK136
NLP16.5	Septic System	below north leach pit	16.5'	13	4/26/07	5/1/07	2187JK136
LP3-8	Septic System	south leach pit sidewall	8'	0.85	4/30/07	4/30/07	2187JK136
LP3-16	Septic System	below south leach pit	16'	8.3	4/30/07	4/30/07	2187JK136

## Washington Park Corporate Center Dupont Circle, 45th Street, Wshington Street Infrastructure, and Lot 5 44th Street/Washington Street, Phoenix, AZ

Results in Miligrams per Kilogram (mg/kg)

Sample No.	Area	Purpose	Depth	PCBs	Sampled	Analyzed	WT Ref.
B8-15	Septic System	Boring, south leach pit	15'	2.2	5/11/07	5/14/07	2187JK136
B8-20	Septic System	Boring, south leach pit	20'	bdl	5/11/07	5/14/07	2187JK136
B8-30	Septic System	Boring, south leach pit	30'	bdl	5/11/07	5/14/07	2187JK136
B9-15	Septic System	Boring, Middle leach pit	15'	bdl	5/11/07	5/15/07	2187JK136
B920	Septic System	Boring, middle leach pit	20'	0.33	5/11/07	5/15/07	2187JK136
B9-25	Septic System	Boring, middle leach pit	25'	bdl	5/11/07	5/15/07	2187JK136
B10-10	Septic System	Boring, east end of tank	10'	bdl	5/11/07	5/15/07	2187JK136
B10-15	Septic System	Boring, east end of tank	15'	bdl	5/11/07	5/15/07	2187JK136
B10-20	Septic System	Boring, east end of tank	20'	bdl	5/11/07	5/15/07	2187JK136
B11-15	Septic System	Boring, north leach pit	15¹	bdl	5/11/07	5/15/07	2187JK136
B12-15	Septic System	Boring, north leach pit	15'	0.054	5/11/07	5/15/07	2187JK136
B12-20	Septic System	Boring, north leach pit	20'	bdl	5/11/07	5/15/07	2187JK136
G1-1	Dupont Circle, East End	Self-implementing grid, east end	Surface	1.0	5/9/07	5/11/07	2187JK136
G1-2	Dupont Circle, East End	Self-implementing grid, east end	Surface	1.7	5/9/07	5/14/07	2187JK136
G1-3	Dupont Circle, East End	Self-implementing grid, east end	Surface	3.8	5/9/07	5/14/07	2187JK136
G1-4	Dupont Circle, East End	Self-implementing grid, east end	Surface	19	5/9/07	5/14/07	2187JK136
G2-1	Dupont Circle, East End	Self-implementing grid, east end	Surface	15	5/9/07	5/14/07	2187JK136
G2-2	Dupont Circle, East End	Self-implementing grid, east end	Surface	37	5/9/07	5/14/07	2187JK136
G2-3	Dupont Circle, East End	Self-implementing grid, east end	Surface	12	5/9/07	5/14/07	2187JK136
G2-3R	Dupont Circle, East End	Self-implementing grid, east end	surface	9.6	5/9/07	5/14/07	2187JK136
G2-4	Dupont Circle, East End	Self-implementing grid, east end	Surface	2.8	5/9/07	5/14/07	2187JK136
G3-1	Dupont Circle, East End	Self-implementing grid, east end	Surface	23	5/9/07	5/14/07	2187JK136
G3-2	Dupont Circle, East End	Self-implementing grid, east end	Surface	28	5/9/07	5/14/07	2187JK136
G3-3	Dupont Circle, East End	Self-implementing grid, east end	Surface	32	5/9/07	5/14/07	2187JK136
G3-4	Dupont Circle, East End	Self-implementing grid, east end	Surface	10	5/9/07	5/14/07	2187JK136
B13-2	Dupont Circle, Vertical Profile	Vertical profile, near T2-2-6	2'	65	5/11/07	5/15/07	2187JK136
B15-1.5	Dupont Circle, Vertical Profile	Vertical profile, DC-3	1.5'	1.6	5/14/07	5/16/07	2187JK136
B15-2.5	Dupont Circle, Vertical Profile	Vertical profile, DC-3	2.5'	6.0	5/14/07	5/16/07	2187JK136
B15-4	Dupont Circle, Vertical Profile	Vertical profile, DC-3	4'	<0.085	5/14/07	5/16/07	2187JK136
B16-1.5	Dupont Circle, Vertical Profile	Vertical profile G1-4, 15m S/30 m W	1.5'	0.18	5/14/07	5/17/07	2187JK136
B16-2.5	Dupont Circle, Vertical Profile	Vertical profile G1-4, 15 m S/30 m W	2.5'	0.65	5/14/07	5/16/07	2187JK136
B16-4	Dupont Circle, Vertical Profile	Vertical profile G1-4, 15 m S/30 m W	4'	<0.085	5/14/07	5/16/07	2187JK136
B17-4	Dupont Circle, Vertical Profile	Vertical profile G1-3, 15 m S/12 m W	4'	<0.085	5/14/07	5/16/07	2187JK136
B18-1.5	Dupont Circle, Vertical Profile	Vertical profile DC-2	1.5'	6.2	5/14/07	5/16/07	2187JK136
B18-2.5	Dupont Circle, Vertical Profile	Vertical profile DC-2	2.5'	0.098	5/14/07	5/17/07	2187JK136

Washington Park Corporate Center

Dupont Circle, 45th Street, Wshington Street Infrastructure, and Lot 5

44th Street/Washington Street, Phoenix, AZ

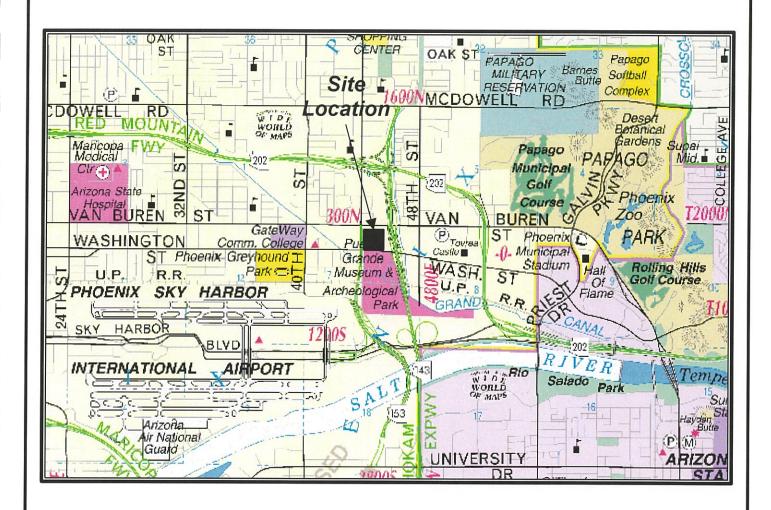
Results in Miligrams per Kilogram (mg/kg)

Sample No.	Area	Purpose	Depth	PCBs	Sampled	Analyzed	WT Ref.
B18-4	Dupont Circle, Vertical Profile	Vertical profile DC-2	4'	<0.085	5/14/07	5/16/07	2187JK136
B19-1.5	Dupont Circle, Vertical Profile	Vertical profile Grid G2-3, 3 m S/21 m W	1.5'	16	5/14/07	5/16/07	2187JK136
B19-2.5	Dupont Circle, Vertical Profile	Vertical profile G2-3, 3 m S/21 m W	2.5'	1.0	5/14/07	5/16/07	2187JK136
B19-4	Dupont Circle, Vertical Profile	Vertical profile G2-3, 3 m S/21 m W	4'	0.38	5/14/07	5/16/07	2187JK136
B20-4	Dupont Circle, Vertical Profile	Vertical profile G1-1, 18 m S/6 m W	4'	<0.085	5/14/07	5/16/07	2187JK136
B21-2.5	Dupont Circle, Vertical Profile	Vertical profile Near T2-2-6	2.5'	0.097	5/14/07	5/17/07	2187JK136
B21-4	Dupont Circle, Vertical Profile	Vertical profile Near T2-2-6	4'	0.17	5/14/07	5/17/07	2187JK136
1-1	Lot 5	surface evaluation	surface	1.1	5/9/07	5/16/07	2187JK157
1-2	Lot 5	surface evaluation	surface	2.4	5/9/07	5/16/07	2187JK157
1-3	Lot 5	surface evaluation	surface	2	5/9/07	5/16/07	2187JK157
1-4	Lot 5	surface evaluation	surface	3	5/9/07	5/16/07	2187JK157
2-1	Lot 5	surface evaluation	surface	2.1	5/9/07	5/16/07	2187JK157
2-2	Lot 5	surface evaluation	surface	1.8	5/9/07	5/16/07	2187JK157
2-3	Lot 5	surface evaluation	surface	4.9	5/9/07	5/16/07	2187JK157
3-1	Lot 5	surface evaluation	surface	2.1	5/9/07	5/16/07	2187JK157
3-2	Lot 5	surface evaluation	surface	<0.085	5/9/07	5/16/07	2187JK157
3-3	Lot 5	surface evaluation	surface	10	5/9/07	5/16/07	2187JK157
3-4	Lot 5	surface evaluation	surface	6.8	5/9/07	5/16/07	2187JK157

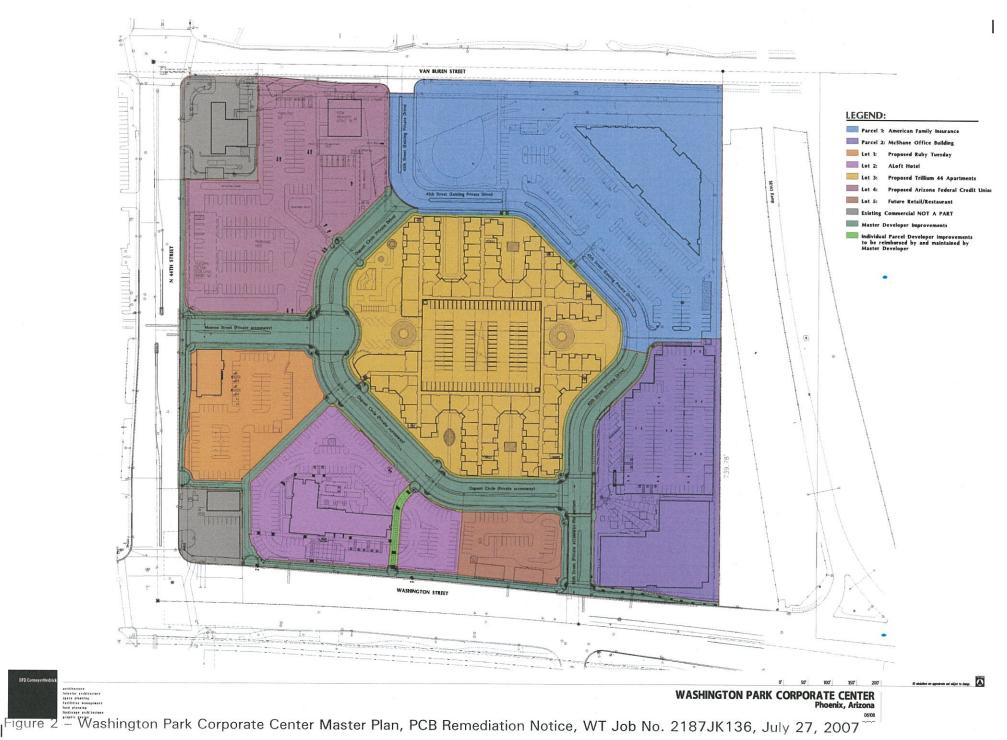
## APPENDIX A FIGURES

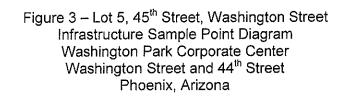


Figure 1 – Vicinity Map Washington Park Corporate Center Washington Street and 44<sup>th</sup> Street Phoenix, Arizona

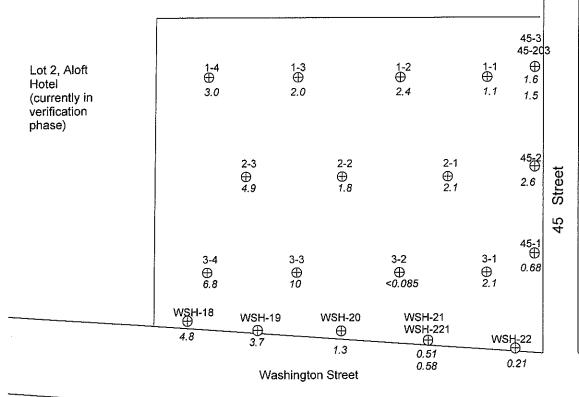


N	AIG			
	PCB Remediation Notice			
		Western Technol	ogies Inc.	
Not to Scale	Job No.	2187JK136	Date: July 27, 2007	









### **NOTES**

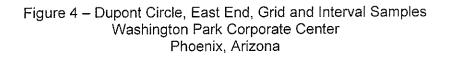
Sample spacing = 50' Row Spacing =43' Outer rows set 34' from Property line. Inferred Area = 30' radius Linear Interval = 50'

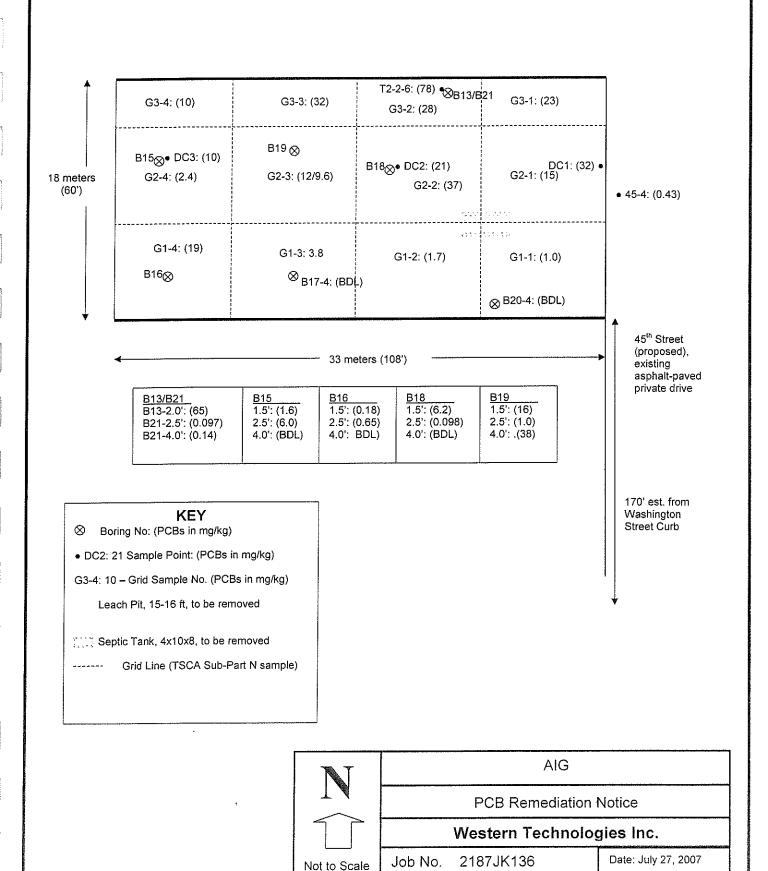
#### **KEY**

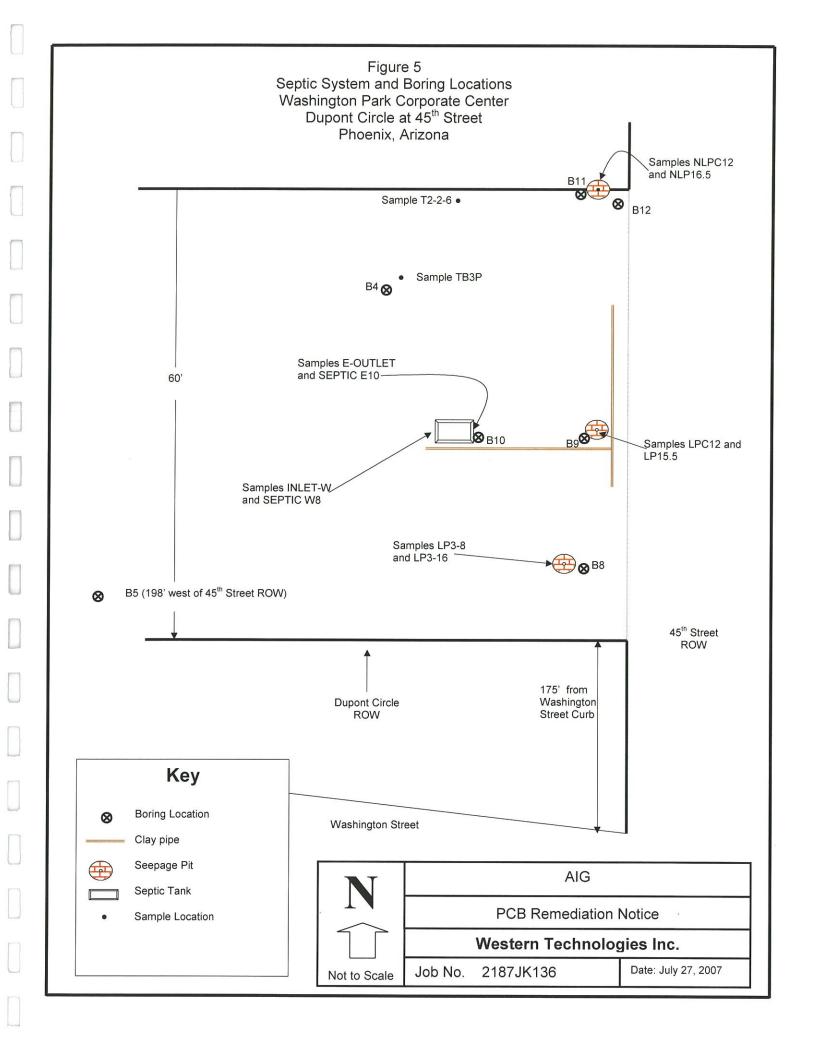
1-1 – sample number

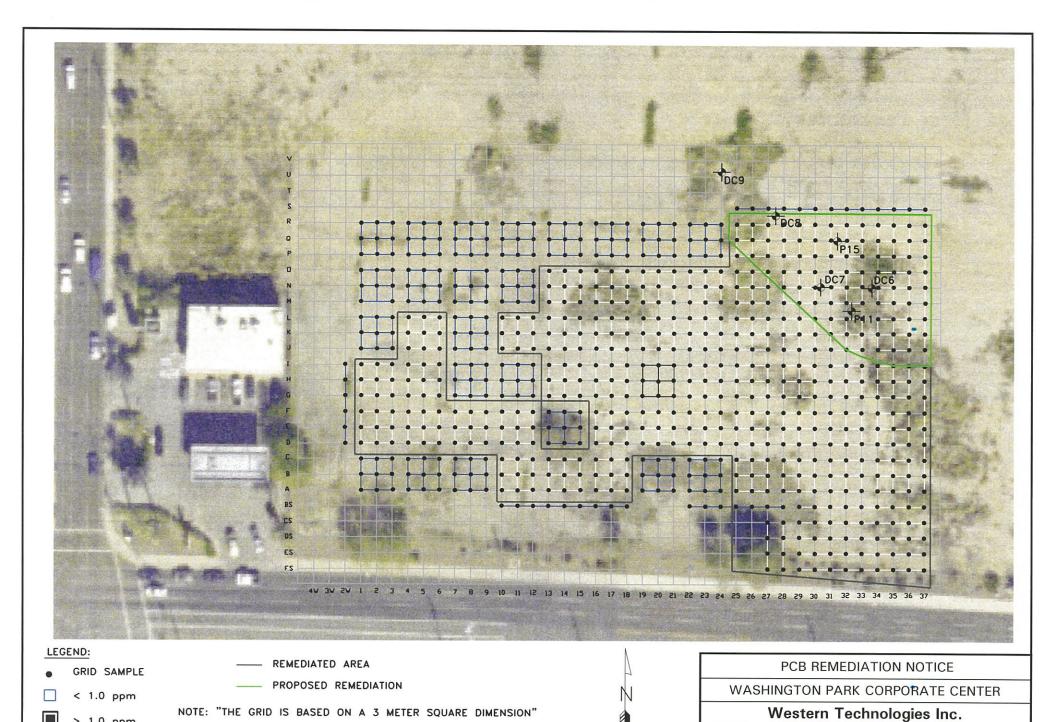
- sample point
3 – PCB concentration (ppm)

N	AIG				
1	PCB Screening Survey				
	Western Technol	ogies Inc.			
Not to Scale	Job No. 2187JK157	Date: July 27, 2007			









APPROX: 1"=65'

Job No.: 2187JK136

Plate: 6

> 1.0 ppm

PRELIMINARY SAMPLE

Figure 7 – Proposed Area of Remedation Washington Park Corporate Center Dupont Circle, 45<sup>th</sup> Street, Washington Street Infrastructure, and Lot 5



N	AIG					
	PCB Remediation Notice					
	Western Technologies Inc.					
Not to Scale	Job No.	2187JK136	Date: July 27, 2007			

## APPENDIX B BUILDING PERMIT RECORDS

CITY OF PRISENTX, KRIZONA DIVISION OF BUILDING INSPECTIONS  3rd Floor Municipal Building 251 W. Washington 262-6497		SEP 17 63 121693 1878*			
		767-4477	VOID LINLESS VALIDATED ABI	OV.	nit No.
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Gross Electric	78	A-2	Probable Completion Date	Cos) of Construction Fe	
nstruction to be done by A. P. Tell		Ттт Ъ	11/63	24,500	45.25
/we understand the following:    Permission to occupy any street,   /we agree to promptly carry out all law result of sale occupancy.  2. The lessance of this permit shall	d . Bich auft extrat				with the second
2. The lesuance of this permit shall that any part of the work is in conflict was 3. The work must be done in confo				- Elatet	د و الم
4. The following permits are also r	equiradi		10		
p) floctrical	gnidmy	Mechanical		Abstrant-Owner, Archibig	Contractor - 7 5
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Yellow - Permites Pinkin Co. A Sing - Auditor Orange - Pon		As a management of the second	Annual Commission of the Commi		Section 19 Committee of the Committee of
	SV.	17KIT 11	ec ione		
	U				
26-200 Rev. 2-63 BG.		- Company			

SUSPECTIONS NO. INSPECTION REMARKS FOOTINGS COMPLETED CONSTRUCTION APPROVAL DATE SIGNATURE OF APPROVING INSPECTOR

SUBMIT IN DUPLICATE

CITY OF PHOENIX, ARIZONA PUBLIC WORKS DEFARTMENT APPROVED

PERMIT NO.

DIVISION OF BUILDING INSPECTIONS

Gra FLOUR MUNICIPAE ALDO,		9-22-69 10-83486					
APPLICATION FOR PL	UMBING PE	ERMIT DATE OF APPLICATION					
PROJECT STREET ADDRESS SAME AS BUILDING PERMIT)	化二甲酚 使有头唇的 医甲醛 化双氯 化二甲醛医二烷二烷	ENTER BUILDING PERMIT NUMBER IF NEW BLDG, BLDG, ADDITION OR BLDG, REMODEL.					
JOB POCATION (ADDRESS, BLDG, NO. APT. NO., DEC., IF	OTHER THAN ABOVE	ENTER THE CITY LOS NUMBER IF NO BLDG.					
Werent-Cartes		PERMIT HAS BEEN ISSUED 10.38- 31347-7620					
JOB NAME		ENTER EXISTING PERMIT NO. IF APPLICA- TION IS FOR ADDITIONAL WORK,					
NAME AND ADDRESS OF CONTRACTOR REQUESTING FER	PIT /	BUILDING USE Dusiness Mice					
NAME MAILINITAL THEXT SE	worder the						
3518N HZ 3 de	eu a	INSTRUCTIONS: MAIL OR DELIVER TWO COPIES (ONE WHITE AND ONE PELLOW) OF THIS APPLICATION TO THE DIVISION OF BUILDING INSPECTIONS TOGETHER WITH APPLICABLE FEES. FEES MUST ACC.					
ADDRESS	ghigosophy	COMPANY APPLICATION UNLESS YOU HAVE A CURRENT CHARGE					
CITY/STATE MACHINE 8-56	7/9	ACCOUNT. PERMIT MUST BE POSTED ON JOB SITE BEFORE WORK STARTS.					
SIGNATURE OF PERSON FILING APPLICATION		PERMIT WILL BE MAILED UNLESS CHECKED BELOW.					
		Glo Regist i WILL PICK UP PERMIT					
FIXTURES AND APPLIANCES	TYPE OF CON	STRUCTION (CHECK ONE)					
ITEM QUAN, ITEM QUA	N. NEW [	AUILDING BUILDING EXISTING BLOG					
WATER CLOSET & LAVATORY	BUILDING ?	ADDITION V REMODEL OR OUTDOORS					
BATH SHOWER	DESCRIPE T	HE PLUMBING WORK TO BE DONE. THE REVERSE SIDE OF THIS					
SINK WYMACHINE	APPLICATION M	AY BE USED FOR SKETCH IF NEEDED, ATTACH ONE (1) COPY OF DRAWINGS IF					
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157 VAC, BREAKER 3.00							
ADD'L. VAC. BREAKER 1.50		Marie 1					
WATER CONDITIONER 2.00	2	610° 1, L1 511					
FIRE HOSE VALVES 1.50	\ Ah.	Jun 1200 S DF					
ROOF DRAINS 2.00		THE POPULATION OF THE POPULATI					
CONST. WATER METER 3.00	2"   50						
ELEC W/H REPLACEMENT 2.00							
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	OUTCETS RODGH	-   -15   <u> </u>	LAYATORIES	A - 120			
- 1 S	S SUMBO	.05	BATH TUBS	1.00			
	MOTORS-GEN	1.00	SINKS	1.00	<b>44</b>	PURNACE	
	14.5 H.P.	1,50	YH	1.00	111-1-		-1
PERMIT	6-10 H.P.	1.75	URINAL	1.00	<del>Liste</del>	IOILER ON PRESSURE VISSE	
<b>3</b> 3 4	11-16 H.P.	2.00	WATER	2.00			
2 田里	16-20 H.P.	2.80	SEWER	<u> </u>			
四〇章	EACH JAIN	,60	ATHER.	2.60		SIGIA AN ENGINEERS	
			BEINSPEC.	1.50			
		li dis	1206 20		700		_#_#_
			ADD	YOTAI			<u> </u>
95	SERVICE OR MOTER LOOP			GAS PERMIT		INSPECTIONS	-22
_ 5 5	RANGES 1-10 kW	2.00	SAE OF SE	2,00	B 20 6	<u> </u>	
	SIGNS-MO WATTS OR LESS	6.00	RANGE	.50	17 17	1/1/2 × 12 - 1	(- <sub>763</sub> ,37
ev u	Add, 660 Walts	1.00	<b>WATE</b>	. S0	la a la	bition places	104-31
	Outlets Comp.	.10	IPUT .	and the second second	من	-1: $H = I$	1,128/2
	SWITCHES	20	FURNACE	.50		13.2/2/11	<b>.</b> 1711
	RECEPTS.	20					
	SDS FEE	TOTAL	盤	) TOTAL	220	1/4/124	

THIS CERTIFICATE MUST BE POSTED AND PERMANENTLY MAINTAINED IN A CONSPICUOUS PLACY AT OR CLOSE TO THE ENHANCE OF THE SUILDING REFERRED TO BELOW. NO CHANGE IN THE STIPULATIONS BELOW SHALL BE MADE UNLESS A NEW CERTIFICATE OF OCCUPANCY IS ORGANIZED TO SHOW COMPLIANCE WITH THE

CERTIFICATE	UILDING INSPECTIONS PUBLIC WOLL OF OCCUPAN	BIS DEPARTMENT DATE 7/27/70 RECERTING WHI FEE REQUIRED TO 10-38-10698-6677
Addition to Warehouse		DORESS A E. Vashington Street
WNER  Joe Gross & Fay  ONIRACION	ASCHIECT	August No.
Allison Steel Mfg. Co.	THE OF C	ONSIEVICIJĒN
HE PROJECT NAMED ABOVE IS IN SUBSTANTIAL C LUTHORIZED SUBJECT TO THE FOLLOWING STIPULAT	OMPLIANCE WITH THE BURDING CODE OF	THE CITY OF PHOENIX, THE AND OCCUPANCY THEREOF IS HETERY
Storage (Mixed)	MAXIMUM OCCUPANT LOAD ICODE PART	FRE DEPARTMENT ACCESS SEPARATION GODE SECTION 702.22 (c)  1.2.
Required	PRE ALARM (CODE SECTION FIT)  DEPOSITED SYSTEM ON FILE WITH  THE PREVENTION SUPT.  NOT REQUIRED	EMERGENCY LIGHTING ICODE SECTION 915.31  DIMPE I REQUIRED DIMPE 2 DECLIRED  NOT REQUIRED
Here Brown ck		BUILDING 5-22-69 MECHANICALOR BY HAM BY HAM ELECTRICAL 5 21-70 PELEVISING 3-33 BY HAM BY HAM BOLL STREET
26-19 PEV 8-06		L. SUPERINTENDENT OF BUILDING INSPECTIONS
WHITE, OWNER	DISTRIBUTION GREEN: BUILDING INSPECTIONS	BLUE: DIVISION OF FIRE PREVENTION

CITY OF PHOENIX, ARIZONA DIVISION OF BUILDING INSPECTIONS  3rd Floor Municipal Building 251 W. Washington	MAOID≤RRITE		EP 26-6	P2.1	7. 7.		534785 2348253
Ca-ck-ra BUILDING PERMIT	9-25-6	V. 2.00 (4.00)	Pt	38-		98-	6677
4444 E. Washington St.	A MOITAGOL MOL	DHESS, BLDG. N	., AFT. WO.	, ETC. IF O			
Parcel 20 NEZ Sec 7 LNAE	CENSUS TRACT	ZONING DISTRICT		LLING UN		CLASE	VETURE
Joe Gross & Fay Allison Steel Mfg	1112	A-2		olump tund sambilia	IC 157	ORICAL NEE	27
NATURE OF CONSTRUCTION	TI	w Stg	Commission of the Commission o				000
Addition to Whse.	<b>Z-6</b> 9	CTION DATE CO	10.0	Surge of the original services		noi oo	See the second
Vinson-Carter Gross Electric Co.	WATER SERVIC PUBLIC PRIVA				ÉLEV. HUMBER	OFF STREE	PARKING OUTDOOR
C. of O. Required	to the second	A Commence of the Commence of					
I/we understand the following:  1. Permission to occupy any street, sidewalk, elley or public right-of-way a granted, I/we agree to promptly carry out all laws governing same, and to arising out of, or as a result of said occupancy.  2. The issuance of this permit shall not be considered as an adoption by it be shown that any part of the work is in conflict with any partion of the C. 3. The work must be done in conformity with the laws of the City of Phoenix, 4. It work has not commenced within 50 days from the date of this permit, or null and void.  5. The following pennits are also required:	ne Building Ins by ordinances, and the State if operations a	pector of the	plans and	rs, dama   specific ys or mis	e, this	if thereafte	Tit con
DISTRIBUTION:		SUPER	NTENDENT	OF BUIL	ARCHITE	SPECTIONS	E.02
VINITE -INSP-NUMERIC GREEN-BLOG, INSP. BING OF PINK-REFERENCE.  ASSESSOR CONTY PREMISES  YELLOW-PERMITEES	ECTIONS	. Re		- Mu	and a distribution of the state		
	N. Commission			N.			

CITY OF PHOENIX, ARIZONA DIVISION OF BUILDING INSPECTIONS VOID UNLESS VARIOTIED 3rd floor Municipal Building 262-6477 HATE IMBUSE 151 W. Washington 9-16-69 BUILDING PERMIT JON EDGATION BOSHETTLES SANSA SANSA ck;ej SLASS STRUCTURE PROJECT STREET ADDRESS PERLING ON 150 4444 E. Washington TONING UNITS PIRCOMS BATHS CENSUS TRACT 15 SUBDIVISION A-21138 O NEL Sec 7 IN 4E PUBLIC DECUPATEY TYPE COMSTR. 0 Bus. III-B A. P. Tell Constr. Gross Electric PROPERTY CONFESTION DATE (COST OF CONSTRUCTION) FEE 92.07 NATURE OF CONSTRUCTION 5.000. 12-69 Mas. 2 Story Office Bldg. OF 7 STREET PARKING WATER SERVICE SEWAGE DISP. CENTRAL ASC ELER Curthout Five SACCE C of O Required PUBLIC PRIVATE PUBLIC PRIVATE! YES

- understand the tallowing:

  1. Permission to occupy any street, sidewalk, alley propublic right-of-way must be obtained from the Division of Engineering. If such permission is Hermission to occupy any street, statewark, other propositing right-or-way must be octained from the division of Engineering. It such permission is granted, the City harmless from any costs, domages, or claims whatspever, granted, the City harmless from any costs, domages, or claims whatspever, I./we understand the following: arraing our or, or as a resum or sure according.

  2. The issuance of this parmy shall not be considered as an adapt on by the Building inspector of the plants and specifications of thereofter it can.
  - be shown that any part of the work is in conflict with any portion of the City endinances.

  - 3. The work must be done in conformity with the laws of the City of Phaen x, and the State of Arczana. 4. If work has not commenced within 60 days from the date of this permit or if operations are suspens

5. The following permits are also required: X Electrical X Plumbing X Meckanical

COLTSCOM

SUPERINTENDENT OF BUILDING INSPECTIONS

DISTRIBUTION

WHITE INSPHEDMENT BLUE AUDITOR PERSON VELLOW PERMITS

GREEN- BLOG. INSP. PINY - PEFFRENCE OPERAT FINET ON PA Fife - L.D.W.

## APPENDIX C ANALYTICAL CHEMISTRY REPORTS



Dupont Circle – West End Preliminary Samples P11 and P12 WT Job No. 2187XK117



.. wi debatet 81. Brown track Bro Dr Track trackets in Light of Alexander (Fig. 1997) Light of Health of Alexander (Fig. 1997) Light of Europe (Fig. 1997)

Tax 1.00 commission

200

PEPCRT OF ANALYSIS

June 03, 2006

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

ESC Sample # :

L246363-15

Date Received : Description :

May

Site ID :

Corporex

Sample ID

P11-1 1FT

Project # : 2186XK117

Collected By Collection Date : Allen Dodd 05/22/06 07:15

23, 2006

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL BDL 2.3	0.085 0.085 0.085 0.085 0.085 0.085	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	05/30/06 05/30/06 05/30/06 05/30/06 05/30/06 05/30/06 05/31/06	5 5 5 5 5 10
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	120. 96.1		% Rec. % Rec.	8082 8082	05/30/06 05/30/06	5 5

Travis Johnson Travis Johnson, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Tertification Numbers:

AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87187, CA - 923, IN - C-TN-01

KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

AZ -0612, MN - 047-999-395, NY - 11742, NJ - 81002, WI - 998093910, IL-200008

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ENVIRONMENTAL SCIENCE CORP. Fax 615, 56-5959

Tux 1.3. 67-0814189

200

PEPCRT OF AMALYSIS

June 03, 2006

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

ESC Sample # : L246383-16

Date Received Description

23, 2006 Мау Corporex

Site ID :

Sample ID

P11-3 3FT

Project # : 2186XK117

Allen Dodd 05/22/06 07:25 Collected By : Collection Date :

COTTECTION PROT	Result	Det. Limit	Units	Method	Date	Dil.
Parameter						
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL 3.0	0.085 0.085 0.085 0.085 0.085 0.085	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082 8082	05/30/06 05/30/06 05/30/06 05/30/06 05/30/06 05/30/06 05/31/06	5 5 5 5 5 5 5 5 7 0
PCBs Surrogates PCBs Surrobiphenyl Tetrachloro-m-xylene	124. 95.9		% Rec. % Rec.	8082 8082	05/30/06 05/30/06	5 5

Travis Johnson ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01

KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

AZ -0612, MN - 047-999-395, NY - 11742, NJ - 81002, WI - 998093910, IL-200008

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dr. dizzet, TN Flu:

vit. bd-tele

l-mag- a -bobs

max vit. m-f-bs

Jan I. . . Chechadana

PEPOPT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

June 03, 2006

23, 2006 Date Received : May

Description Corporex

P15-1 1FT

Site ID :

Sample ID

Project # : 2186XK117

ESC Sample # : L246383-17

Allen Dodd 05/22/06 07:38 Collected By Collection Date :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls					25 /20 /06	,
PCB 1016	BDL	0.017	mg/kg	8082	05/30/06	1
PCB 1221	BDL	0.017	mg/kg	8082	05/30/06	1
PCB 1232	BDL	0.017	mg/kg	8082	05/30/06	1
	BDL	0.017	mg/kg	8082	05/30/06	1
PCB 1242	BDL	0.017	mq/kq	8082	05/30/06	1
PCB 1248				8082	05/30/06	ī
PCB 1254	BDL	0.017	mg/kg			1
PCB 1260	BDL	0.017	mg/kg	8082	05/30/06	Ţ
PCBs Surrogates					05 120 106	
Decachlorobiphenyl	138.		% Rec.	8082	05/30/06	<u>+</u>
Tetrachloro-m-xylene	88.6		ે Rec.	8082	05/30/06	1

Travis Johnson ESC Representative

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

AIHA - 100789, AL - 40660, CA - 1-2327, CT- PH-0197, FL - E87487, CA - 923, IN - 2-TN-01

KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

AZ -0612, MN - 047-999-395, NY - 11742, NJ - 81002, WI - 998093910, IL-200008

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-81

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

June 03, 1006

ESC Sample # : L246383-18

23, 2006 May Corporex Date Received

Description

Site ID :

Sample ID

P15-3 3FT

Project # : 2186KK117

Collected By Collection Date :

Allen Dodd 05/22/06 07:43

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL BDL BDL	0.017 0.017 0.017 0.017 0.017 0.017 0.017	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082 8082	05/30/06 05/30/06 05/30/06 05/30/06 05/30/06 05/30/06 05/30/06	1 1 1 1 1 1
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	116. 87.6		% Rec. % Rec.	8082 8082	05/30/06 05/30/06	1

Travis Johnson Travis Johnson, ESC Representative

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

AIHA - 100789, AL - 40660, CA - 1-2327, CT- PH-0197, FL - E67487, GA - 922, IN - C-TN-01

KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

AZ -0612, MN - 047-999-395, NY - 11742, NJ - 81002, WI - 998093910, IL-200008

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REPORT OF ANALYSIS

June 03, 200€

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

ESC Sample # : L246383-06

Project # : 2186XK117

23, 2006 Date Received : May

: Corporex Description

Site 1D : P11 6IN Sample ID

Allen Dodd

Collected By : Allen Dodd Collection Date : 05/22/06 07:05

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL BDL 9.7	0.085 0.085 0.085 0.085 0.085 0.085	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	05/25/06 05/25/06 05/25/06 05/25/06 05/25/06 05/25/06 05/25/06	55555 5555
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	102. 105.		% Rec. % Rec.	8082 8082	05/25/06 05/25/06	5 5

Travis Johnson ESC Representative

BDL - Below Detection Limit

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01

KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

AZ -0612, MN - 047-999-395, NY - 11742, NJ - 81002, WI - 998093910, IL-200008

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Tax 1.D. 02-0814189

850

REPORT OF ANALYSIS

June 03, 2006

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

ESC Sample # : L246383-08

23, 2006 Date Received : Description : May Corporex

Description

Site ID :

P15 6IN Sample ID

2186XK117

Collected By : Collection Date :

Allen Dodd 05/22/06 07:30 Project # :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL 0.60	0.085 0.085 0.085 0.085 0.085 0.085	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	05/25/06 05/25/06 05/25/06 05/25/06 05/25/06 05/25/06 05/25/06	555555
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	91.2 107.		% Rec. % Rec.	8082 8082	05/25/06 05/25/06	5 5

Travis Johnson ESC Representative

BDL - Below Detection Limit Det. Limit - Practical Quantitation Limit(PQL)

Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:

AIHA - 100789, AL - 40660, CA - 1-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01

EY - 90010, KYUST - G016, NC - ENV375,DW21704, ND - F-140, SC - 84004, TN - 2006, VA - 00109, WV - 233

AZ -0612, MN - 047-999-395, NY - 11742, NJ - 81002, WI - 998093910, IL-200008

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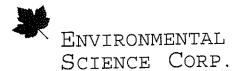
Page 8 of 27

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P4-1			11				X		1				
P4-3			3'				7		X				
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P1-3			3				X						
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								Date					

Dupont Circle – West End Subpart N Grid Composite Samples from the Lot 2 Characterization WT Job No. 2187JK026



Tax 1.D. 62-0814289

Representative

Est. 1970

David Regonini Western Technologies 3737 East Broadway Rd.

Phoenix, AZ 85040

## Report Summary

Monday January 29, 2007

Report Number: L276570 Samples Received: 01/16/07 Client Project: 2187JK026

Description: Washington Park Parcel C

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call

Reviewed By:

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 09227, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487 GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140 NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233 AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, WA - C1915



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

January 29, 2007

Date Received : Description :

January 16, 2007 Washington Park Parcel C ESC Sample # : L276570-31

Sample ID

J31-L33

Site ID :

Project # : 2187JK026

Travis Butler Collected By 01/15/07 11:58 Collection Date :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL BDL 2.9	0.85 0.85 0.85 0.85 0.85 0.85 0.85	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	01/17/07 01/17/07 01/17/07 01/17/07 01/17/07 01/17/07 01/17/07	50 50 50 50 50 50
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	158. 93.6		% Rec. % Rec.	8082 8082	01/17/07 01/17/07	50 50

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 01,18/07 11:12 Revised: 01/29/07 09:39



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

January 29, 2007

Site ID :

ESC Sample # : L276570-32

Project # : 2187JK026

Date Received

January 16, 2007

Description

Washington Park Parcel C

Sample ID

M31-033

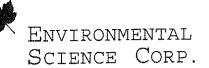
Collected By : Travis Butler Collection Date : 01/15/07 12:19

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL BDL 5.4	0.85 0.85 0.85 0.85 0.85 0.85	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	01/17/07 01/17/07 01/17/07 01/17/07 01/17/07 01/17/07 01/17/07	50 50 50 50 50 50
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	145. 101.		% Rec. % Rec.	8082 8082	01/17/07 01/17/07	50 50

BDL - Below Detection Limit Det. Limit - Practical Quantitation Limit(PQL)

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 01 18 07 11:12 Revised: 01/29,07 09:39



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040 January 29, 2007

Date Received : January 16, 2007 Description : Washington Park Parcel C ESC Sample # : L276570-33

Sample ID : O33-M31

Site ID :

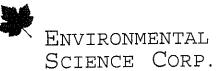
Project # : 2187JK026

Collected By : Travis Butler Collection Date : 01/15/07 12:29

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1221	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1232	BDL	0.85	mg/kg	8082	01/17/07	50
	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1242	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1248	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1254 PCB 1260	6.0	0.85	mg/kg	8082	01/17/07	50
PCBs Surrogates Decachlorobiphenyl	107.		% Rec.	8082	01/17/07	50
Tetrachloro-m-xylene	89.5		% Rec.	8082	01/17/07	50

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
The reported analytical results relate only to the sample submitted.
This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 01/14,07 11:12 Revised: 01,29/07 09:39



Tax 1.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

January 29, 2007

ESC Sample # : L276570-34

Date Received Description

January 16, 2007 Washington Park Parcel C

Site ID :

P31-R33 Sample ID

2187JK026 Project # :

Travis Butler Collected By Collection Date : 01/15/07 12:46

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1016 PCB 1221	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1221 PCB 1232	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1232 PCB 1242	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1242 PCB 1248	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1254	BDL	0.85	mg/kg	8082	01/17/07	50
PCB 1260	2.6	0.85	mg/kg	8082	01/17/07	50
PCBs Surrogates Decachlorobiphenyl	113.		% Rec.	8082	01/17/07	50
Tetrachloro-m-xylene	92.4		% Rec.	8082	01/17/07	50

BDL - Below Detection Limit Det. Limit - Practical Quantitation Limit(PQL)

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 31 18,37 11:12 Revised: 01,29/07 09:39



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

January 29, 2007

Site ID :

ESC Sample # : L276570-47

Date Received :

January 16, 2007

Description

Washington Park Parcel C

Sample ID

P25-R27

Project # : 2187JK026

Collected By : Travis Bucker 01/15/07 12:53

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260 PCBS Surrogates	BDL BDL BDL BDL BDL BDL	0.85 0.85 0.85 0.85 0.85 0.85 0.85	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	01/18/07 01/18/07 01/18/07 01/18/07 01/18/07 01/18/07	50 50 50 50 50 50 50
Decachlorobiphenyl Tetrachloro-m-xylene	121. 103.		% Rec. % Rec.	8082 8082	01/18/07 01/18/07	50

BDL - Below Detection Limit Det. Limit - Practical Quantitation Limit PQL)

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 31 18, 37 11:12 Revised: 31, 29, 67 69:39



Tax I.D. 62-0814289

Est. 1970

2187JK026

REPORT OF ANALYSIS

David Regonini Western Technologies January 29, 2007

Site ID :

Project # :

3737 East Broadway Rd. Phoenix, AZ 85040

ESC Sample # : L276570-52

Date Received ; January 16, 2007

Description

Washington Park Parcel C

Sample ID

M34-036

Collected By

Travis Butler

01/15/07 11:18

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1250	BDL BDL BDL BDL BDL 4.7	0.85 0.85 0.85 0.85 0.85 0.85	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	01/18/07 01/18/07 01/18/07 01/18/07 01/18/07 01/18/07	50 50 50 50 50 50
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	115. 94.1		% Rec. % Rec.	8082 8082	01/18/07 01/18/07	50 50

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 01/18/07 11:12 Revised: 01/29/07 09:40



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REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

January 29, 2007

ESC Sample # : L276570-53

January 16, 2007 Date Received : Description

Washington Park Parcel C :

Site ID :

P34-R36 Sample ID

Project # : 2187JK026

Collected By : Travis Butler Collection Date : 01/15/07 11:29

B	Result	Det. Limit	Units	Method	Date	Dil.	
Parameter  Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1256 PCB Surrogates Decachlorobiphenyl	BDL BDL BDL BDL BDL 5.8	0.85 0.85 0.85 0.85 0.85 0.85	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082 8082	01/18/07 01/18/07 01/18/07 01/18/07 01/18/07 01/18/07	50 50 50 50 50 50 50	
Decachiorobiphenyi Tetrachloro-m-xylene	101.		% Rec.	8082	01/18/07	50	

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 01/18,07 11:12 Revised: 01/29,07 09:40



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REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

Sample ID

January 29, 2007

ESC Sample # : L276570-58

January 16, 2007 Date Received

Washington Park Parcel C Description :

M28-030

Site ID :

Project # : 2187JK026

: Travis Butler Collected By Collection Date : 01/15/07 12:10

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016	BDL	0.085 0.085	mg/kg mg/kg	8082 8082	01/17/07 01/17/07	5 5
PCB 1221 PCB 1232 PCB 1242	BDL BDL BDL	0.085 0.085	mg/kg mg/kg	8082 8082	01/17/07 01/17/07	5 5
PCB 1248 PCB 1254	BDL BDL	0.085 0.085	mg/kg mg/kg	8082 8082 8082	01/17/07 01/17/07 01/18/07	5 5 50
PCB 1260 PCBs Surrogates Decachlorobiphenyl	5.0 97.9	0.85	mg/kg % Rec.	8082	01/18/07	5
Tetrachloro-m-xylene	73.2		% Rec.	8082	01/17/07	5

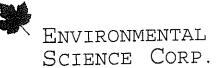
BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit: PQL)

Note:

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 01/18,07 11:12 Revised: 01/29,07 09:40



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regoniní Western Technologies 3737 East Broadway Rd.

Phoenix, AZ 85040

January 29, 2007

ESC Sample # : L276570-59

Project # : 2187JK026

Site ID :

Date Received : Description

January 16, 2007

Washington Park Parcel C

Sample ID

P28-R30

Travis Butler

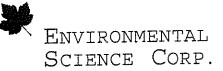
Collected By Collection Date : 01/15/07 12:20

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1256	BDL BDL BDL BDL BDL 1.6	0.085 0.085 0.085 0.085 0.085 0.085 0.085	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	01/17/07 01/17/07 01/17/07 01/17/07 01/17/07 01/17/07 01/17/07	<b>សសសសសស</b> ស
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	94.8 84.0		% Rec. % Rec.	8082 8082	01/17/07 01/17/07	5 5

BDL - Below Detection Limit Det. Limit - Practical Quantitation Limit(PQL)

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 31,18,07 11:12 Revised: 31,29,37 69:40



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

January 29, 2007

ESC Sample # : L276570-26

Date Received

Description

January 16, 2007

Washington Park Parcel C

Site ID :

Project # : 2187JK026

J37-R37 Sample ID

Collected By : Travis Butler Collection Date : 01/15/07 09:53

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260 PCBS Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	BDL BDL BDL BDL BDL BDL 5.2 111.	0.085 0.085 0.085 0.085 0.085 0.085 0.85	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082 8082	01/17/07 01/17/07 01/17/07 01/17/07 01/17/07 01/17/07 01/18/07 01/17/07 01/17/07	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5

BDL - Below Detection Limit Det. Limit - Practical Quantitation Limit(PQL)

Mote: The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 01,18,07 11:12 Revised: 01,29/07 09:39



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040 January 29, 2007

ESC Sample # : L276570-51

Date Received : Description

January 16, 2007

Washington Park Parcel C

Site ID :

Project # : 2187JK026

J34-L36 Sample ID

Collected By Travis Butler Collection Date : 01/15/07 11:04

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260 PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	BDL BDL BDL BDL BDL 5.0	0.85 0.85 0.85 0.85 0.85 0.85 0.85	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082 8082	01/18/07 01/18/07 01/18/07 01/18/07 01/18/07 01/18/07 01/18/07 01/18/07	50 50 50 50 50 50 50 50

BDL - Below Detection Limit Det. Limit - Practical Quantitation Limit(PQL)

Note:

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 01,18,07 11:12 Revised: 01/29/07 09:40

## Attachment A List of Analytes with QC Qualifiers

Sample #	Analyte	Qualifier
L276570-01	PCB 1260	J3
L276570-02	PCB 1260	J3
L276570-03	PCB 1260	J3
L276570-04	PCB 1260	J 3
L276570-05	PCB 1260	J3
L276570-06	PCB 1260	J3
L276570-07	PCB 1260	J3
L276570-08	PCB 1260	J3
L276570-09	PCB 1260	J3
L276570-10	PCB 1260	J3
L276570-11	PCB 1260	J3
L276570-12	PCB 1260	J3
L276570-13	PCB 1260	J3
L276570-14	PCB 1260	J3
L276570-15	PCB 1260	J3
L276570-17	PCB 1260	J3
L276570-31	Decachlorobiphenyl	J1
L276570-32	Decachlorobiphenyl	Jl
L276570-40	PCB 1260	J6
L276570-41	Decachlorobiphenyl	J1
L276570-42	Decachlorobiphenyl	J1
L276570-46	Decachlorobiphenyl	Jl
L276570-50	Decachlorobiphenyl	Jl
L276570-51	Decachlorobiphenyl	Jl
L276570-53	Decachlorobiphenyl	J1
L276570-57	Decachlorobiphenyl	Jl

# Attachment B Explanation of QC Qualifier Codes

Qualifier	Meaning
Jl	Surrogate recovery limits have been exceeded; values are outside upper control limits
J3	The associated batch QC was outside the established quality control range for precision.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low
	qualifier Benert Information

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

#### Definitions

- Accuracy The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.
- Precision The agreement between a set of samples or between duplicate samples.

  Relates to how close together the results are and is represented by

  Relative Percent Difference.
- Surrogate Organic compounds that are similar in chemical composition, extraction, and chromotography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

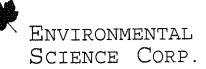
Control Limits (AQ) (SS)

2-Fluorophenol 31-119 Nitrobenzene-d5 43-118 Dibromfluoromethane 68-128 64-125

Phenol-d5 12-134 2-Fluorobiphenyl 45-128 Toluene-d8 76-115 69-118

2,4,6-Tribromophenol 51-141 Terphenyl-d14 43-137 4-Bromofluorobenzene 79-127 61-134

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.



Tax I.D. 62-0814289

Est. 1970

Western Technologies David Regonini p3737 East Broadway Rd.

Phoenix, AZ 85040

Quality Assurance Report Level II

L276570

January 29, 2007

Effective		Labora	tory Bla	nk		- HYRE	
nalyte	Result		Units	Date Ana	lyzed	Batch	
CB 1016 CB 1221 CB 1232 CB 1242 CB 1248 CCB 1254 CB 1260	< .017 < .017 < .017 < .017 < .017 < .017 < .017		mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	01/16/07 01/16/07 01/16/07 01/16/07 01/16/07 01/16/07	21:18 21:18 21:18 21:18 21:18	WG283260 WG283260 WG283260 WG283260 WG283260 WG283260 WG283260	
CB 1016 CB 1221 CB 1232 CB 1242 CB 1248 CCB 1254 CCB 1260	< .017 < .017 < .017 < .017 < .017 < .017 < .017		mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	01/17/07 01/17/07 01/17/07 01/17/07 01/17/07 01/17/07 01/17/07	09:50 09:50 09:50 09:50 09:50	WG283327 WG283327 WG283327 WG283327 WG283327 WG283327 WG283327	
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Analyte	Lab Units	oratory Known	Control Val	Sample Result	% Rec	Limit	Batch
CB 1260	mg/kg	.167		0.157	94.1	64-120	WG283260
PCB 1260	mg/kg	.167		0.173	103.	64-120	WG283327
PCB 1260	mg/kg	.167		0.150	90.0	64-120	WG283329
CB 1260	mg/kg	.167		0.136	81.6	64-120	WG283330
Analyte	Laborato: Units 1	ry Contr LCSD Res	ol Sampl Ref Res	e Duplicat RPD	e Limit %R	.ec Batcì	1
PCB 1260	mg/kg	0.117	0.157	29.2	20 70	WG283	3260
PCB 1260	mg/kg	0.158	0.173	8.83	20 95	WG283	3327
CB 1260	mg/kg	0.171	0.150	12.8	20 10	2 WG283	3329
CB 1260	mg/kg	0.164	0.136	18.4	20 98	WG283	3330
nalyte	Units	Matr MS Res	ix Spike Ref Re	s TV %	Rec Limi	t Ref San	ip Batch
PCB 1260	mg/kg	10.8	12.0	.167	0.0 59-1	34 L276570	)-16 WG283260
CB 1260	mg/kg	3.32	3.10	.167	26.4 59-1	34 L276570	)-30 WG283327

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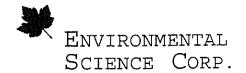
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A. M 130		35	)urt	1-15 07	10:5 8		X				:		L776570-54		
1-36		1 22	5:7	11517	11/1341		X	_		-			-55		
3 J J 30		[5]	5-73	1-15 07	11:550		ス				· i		-56		
13 Prof L 36	ļ <u>C</u>	155	() ct	11-15-07	11:50AM	1	ブー	_				1	-57		
77 - 17 - 030 F 35 - K30	<u>C,</u>	<u>                                    </u>	509	トルの	12:101:1		X					Or 30	- 58		
		55	(,,+	1-15-07	12:2000	1	X	-					-59		
F34-029	<u> </u>	55	150CF	1-15-07	1: 10 0#	[	X						-60		
										1	i i				
*Matrix: SS - Soil/Solid GW - Gro	undwater <b>WW</b>	- WasteWate	r DW - Drin	king Water (	OT - Other	1	11	<u>. i </u>	<u> </u>	;	pН	Te	mn		
Remarks:				. 1		***					Flow				
elinquished by: (\$ignature)	Date:	, ,		ved by: (Signa	ature)			s	amples re FedEx	eturned Cour	via: UPS ier U	Condition:	(lab use only)		
Relinquished by: (Signature)	Date:	7	Recei	ved by: (Signa	- "//s/		32711	T	emp:	-71 - 1	Bottles Receiv		010		
Relinquished by: (Signature)	Date	: Time:	Rece	ived for lab b	y:\Signature	e)			ate: -/65	7	Time: () ) ` ' ( )	pH Checked:	NCF:		



Tax I.D. 62-0814289

Est. 1970

David Regonini Western Technologies 3737 East Broadway Rd.

Phoenix, AZ 85040

## Report Summary

Wednesday January 31, 2007

Report Number: L278179
Samples Received: 01/27/07
Client Project: 2187JK026

Description: Washington Park PCB Remediation

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Reviewed By:

Travis Johnson, ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 09227, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487 GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140 NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233 AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, WA - C1915



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

January 31, 2007

ESC Sample # : L278179-03

Date Received :

January 27, 2007

Description

Washington Park PCB Remediation

Sample ID

\$25-\$30

Site ID :

Project # : 2187JK026

Collected By : A. Sutter Collection Date : 01/26/07 13:46

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls					! !	_
PCB 1016	BDL	0.085	mg/kg	8082	01/29/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/29/07	5
= - ::	BDL	0.085	mg/kg	8082	01/29/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/29/07	5
PCB 1242	BDL	0.085	mg/kg	8082	01/29/07	5
PCB 1248				8082	01/29/07	5
PCB 1254	BDL	0.085	mg/kg			5
PCB 1260	0.29	0.085	mg/kg	8082	01/29/07	5
PCBs Surrogates						_
Decachlorobiphenyl	78.2		% Rec.	8082	01/29/07	5
Tetrachloro-m-xylene	104.		% Rec.	8082	01/29/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 01/31/07 16:08 Printed: 01/31/07 16:09



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

Sample ID

January 31, 2007

ESC Sample # : L278179-04

January 27, 2007 Date Received :

Washington Park PCB Remediation Description

s31-s37

Site ID :

Project # : 2187JK026

Collected By : A. Sutter Collection Date : 01/26/07 13:40

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls					1 1	_
PCB 1016	BDL	0.085	mg/kg	8082	01/29/07	5
PCB 1221	BDL	0.085	mg/kg	8082	01/29/07	5
PCB 1232	BDL	0.085	mg/kg	8082	01/29/07	5
PCB 1232 PCB 1242	BDL	0.085	mq/kg	8082	01/29/07	5
** *	BDL	0.085	mg/kg	8082	01/29/07	5
PCB 1248	BDL	0.085	mq/kq	8082	01/29/07	5
PCB 1254		0.085	mg/kg	8082	01/29/07	5
PCB 1260	0.44	0.085	ng/kg	6062	01/23/07	J
PCBs Surrogates			A ===	0000	01/00/07	5
Decachlorobiphenyl	74.4		% Rec.	8082	01/29/07	_
Tetrachloro-m-xylene	95.8		% Rec.	8082	01/29/07	5

BDL - Below Detection Limit Det. Limit - Practical Quantitation Limit(PQL)

Note:

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 01/31/07 16:08 Printed: 01/31/07 16:09



Tax I.D. 62-0814289

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stern Technologies vid Regonini 37 East Broadway Rd.

penix, AZ 85040

Quality Assurance Report Level II

L278179

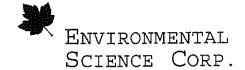
January 31, 2007

	Laboratory Blank
lyte	Result Units Date Analyzed Batch
	< .017 mg/kg 01/29/07 13:38 WG284860
1016	
1016	< .017 mg/kg 01/29/07 18:25 WG284860 < .017 mg/kg 01/29/07 13:38 WG284860
1221	< .017 mg/kg 01/29/07 18:25 WG284860
1221	< .017 mg/kg 01/29/07 13:38 WG284860
1232	< .017 mg/kg 01/29/07 18:25 WG284860
1232	< .017 mg/kg 01/29/07 13:38 WG284860
1242	< .017 mg/kg 01/29/07 18:25 WG284860
1242	< .017 mg/kg 01/29/07 13:38 WG284860
1248	<pre></pre>
1248	< .017 mg/kg 01/29/07 13:38 WG284860
1254	< .017 mg/kg 01/29/07 18:25 WG284860
1254	< .017 mg/kg 01/29/07 13:38 WG284860
1260	< .017 mg/kg 01/29/07 18:25 WG284860
1260	< .017 mg/kg 01/25/07 10.25 me201000
	Laboratory Control Sample
lyte	Units Known Val Result % Rec Limit Batch
1260	mg/kg .167 0.167 100. 64-120 WG284860
	Laboratory Control Sample Duplicate
	Units LCSD Res Ref Res RPD Limit %Rec Batch
lyte	0.1100 2000 1000 1100 1100
1260	mg/kg 0.163 0.167 2.39 20 98 WG284860
	Makada Cailea
	Matrix Spike Units MS Res Ref Res TV % Rec Limit Ref Samp Batch
lyte	Units MS Res Ref Res TV % Rec Limit Ref Samp Batch
1260	mg/kg 0.169 0.00 .167 20.2 59-134 L278192-06 WG284860
1200	
	Matrix Spike Duplicate
lyte	Units MSD Res Ref Res RPD Limit %Rec Ref Samp Batch
1260	mg/kg 0.199 0.169 16.5 20 23.8 L278192-06 WG28486

atch number /Run number / Sample number cross reference

WG284860: R305268: L278179-01 02 03 04

 $<sup>\</sup>star$  \* Calculations are performed prior to rounding of reported values .



Tax I.D. 62-0814289

Est. 1970

stern Technologies vid Regonini 37 East Broadway Rd.

oenix, AZ 85040

Quality Assurance Report Level II

L278179

January 31, 2007

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

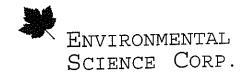
Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

WTI		Alt	ternate billing	information:			Analy	sis/Container/P	reservative		Chain of Custody Page <u>2</u> of <u>2</u>
3737 E Broadwa	av Road	d							,	Prepared by:	
Phoenix, AZ 85									* * *		ONMENTAL
		Rep	oort to.					·		į	CE CORP.
			aîl to:	D. Reg	onini					12065 Let Mt. Juliet	oanon Road TN 37122
		Fills		david.r@w	t-us.com		·	;			
Project Washington Pa Description:	rk PCB Remed	diation	City/Sate Collected	Phoe	nix, AZ					1	15) 758-5858 00) 767-5859
Phone. 602-437-3737 602-470-1341	Client Project 2187	#: 7JK026	ESC Key	:			-			1	15) 758-5859
Collected by: カラスロアを代え	Site/Facility ID	)#;	P.O.#:	•				1			
Collected by (signature):		ab MUST Be	•	Date Resul	ts Needed:					CoCode	(lab use only)
		ame Day ext Day		Email?f	No_Yes	No.		1 1 2	;	Template/Prelogin	
Packed on Ice N (Y)	`	wo Day 3 DAY K	50%	FAX?1		of Cntrs	s &	:		Shipped Via:	7
Sample ID	Comp/Grab	Matrix*	Depth	Date	Time		PCB	1		Remarks/Contaminant	Sample # (lab only)
D2W-I2W	Comp	ss	3FC	1/26/07	2,02	17	Х	,			1278179-0
12W-D2W	Comp	SS	1		1 -7	丨	X				-1/2
S25-S30	Comp	SS	_		1:46		X	•			73
S31-S37	Comp	SS	N	<i>y</i>	1.40	1	×	!			- <i>u</i>
,						1		6 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7			
				\$							
*Matrix. SS - SolVSolid GW - G	roundwater <b>WW</b>	- WasteWate	er DW - Drin	king Water (	OT - Other_				рН	Te	mp
Remarks:				100	(, ],				Flow	Ot	her _ / de
Relinquished by: (Signature)	Date	Time:	, ,	yda by tsion	ature	1100		Samples return	ed via: UPS ourier U	Condition:	(lab use only)
Relinquished by: (Signature)	Date	/		ved by: (Signa	ature)	/		Temp: 3.2	Bottles Receiv	ved: Lo Coa	futerta
Retinquished by (Signature)	Date	1	Rece	eived for lab b	oy/(Stynatu	éy		Date: /27/06	Time.	pH Checked:	NCF:

WTI		Alte	ernate billing	information:			Ana	Ivsis/Co	ontainer/P	reservat	ive		Chain of Custody Page 2 of 2
3737 E Broadw	av Road	4						i i	. !			Prepared by:	
Phoenix, AZ 85	•	ے ا					<u>:</u>	!	, !			1	ONMENTAL
				4-4					,			SCIENC	CE CORP.
		Repo	ort to	D. Reg	onini			;	i	į	ļ	1	oanon Road
		Emai	il to	david.r@w	t-us.com		į			:		Mt. Juliet, 1	TN 37122
Project Description.  Washington P	ark PCB Remed	diation	City/Sate Collected	Phoe	nìx, AZ		ļ	1	· ,	:		1	15) 758-5858
Phone 602-437-3737 FAX 602-470-1341	Client Project	#. 7JK026	ESC Key	:			)   		,			\{	00) 767-5859 15) 758-5859
Collected by A. SUTTER	Site/Facility ID	)#:	P.O.#:		<u> </u>		· •			1	i		
Sollected by (signature):	Rush? (La	b MUST Be I	Notified)	Date Resul	ts Needed:		2	Ì			:	CoCode	(lab use only)
	_ \		200% 100%	Email?	No_Yes	No	,	•	:		! ]	Template/Prelogin	
Packed on Ice N (Y		wo Day 3 DAY R.L	50% 45H	FAX?	No_Yes	of Cntrs	SS		;			Shipped Via:	
Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	03	PCBs					Remarks/Contaminant	Sample # (lab only)
D2W-I2W	Comp	ss	3FC	1/26/07	2/02	7	Χ.				!		1278179-0
I2W-D2W	Comp	ss		1	7. 57	*	х	!			!		-42
S25-S30	Comp	ss			1:46		X	.	<del>;</del>	:	<u> </u>		73
S31-S37	Comp	ss	d.	1	1:40	1	X		<u> </u>	-	<u> </u>		-uf
			<u> </u>			<u> </u>				1	-		
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The second contract of the second contract of		: 				ļ					 		
	MARK MARK - AMA	1							; ;		<u>;</u>		
		1				<u> </u>		:		<u> </u>	i		
"Matrix SS SoiVSolid GW-	Groundwater <b>W</b>	- WasteWate	r DW - Drii	nking Water	OT - Other_						рΗ	Te	nip
Remarks				11	(, ),						Flov	. O	thera
Rhingurahed by Highature)	Date //Qu	1 Time	Fece	iydi of ision	ature	us		San □ F	nples returr edEx ☐C	ned via: C ourier C	lups )	Condition:	(lab use only)
Dalua listed by Carry	Date		Rece	ved by: (Sign	diure)			Ten	3,2×	Bottle	s Recei	ived	1. Set i
Relinguished by (Signature)			1	eived for lab	_	1	,	1	3,2	4.	-40	pH Checked:	NCF:

Dupont Circle, 45<sup>th</sup> Street Rights-of-Way Washington Street Infrastructure Land Surface Interval Samples WT Job No. 2187JK136



Tax I.D. 62-0814289

Representative

Est. 1970

David Regonini Western Technologies 3737 East Broadway Rd.

Phoenix, AZ 85040

Report Summary

Monday April 30, 2007

Report Number: L289999 Samples Received: 04/20/07 Client Project: 2187JK136

Description: Washington Park Infrastructure

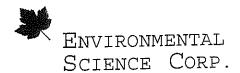
The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Reviewed By:

.

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 09227, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487 GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140 NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233 AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, WA - C1915



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies

3737 East Broadway Rd. Phoenix, AZ 85040

Sample ID

April 30, 2007

ESC Sample # : L289999-01

20, 2007 April Date Received :

Washington Park Infrastructure Description :

45-1

Site ID :

Project # : 2187JK136

Josh Konnenberg Collected By : 04/19/07 09:52 Collection Date :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL 0.68	0.17 0.17 0.17 0.17 0.17 0.17 0.17	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	04/27/07 04/27/07 04/27/07 04/27/07 04/27/07 04/27/07 04/27/07	10 10 10 10 10 10
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	84.8 93.1		% Rec. % Rec.	8082 8082	04/27/07 04/27/07	10 10

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies

3737 East Broadway Rd. Phoenix, AZ 85040

April 30, 2007

ESC Sample # : L289999-02

Project # : 2187JK136

20, 2007 April Date Received :

Washington Park Infrastructure : Description

Site ID :

45-2 Sample ID

Collected By : Josh Konnenberg Collection Date : 04/19/07 09:58 Josh Konnenberg

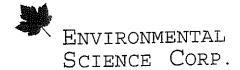
Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL 2.6	0.17 0.17 0.17 0.17 0.17 0.17 0.34	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	04/27/07 04/27/07 04/27/07 04/27/07 04/27/07 04/27/07 04/29/07	10 10 10 10 10 10 20
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	106. 94.2		% Rec. % Rec.	8082 8082	04/27/07 04/27/07	10 10

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

April 30, 2007

ESC Sample # : L289999-03

Date Received : April 20, 2007

Washington Park Infrastructure Description

Site ID :

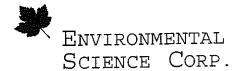
Sample ID Project # : 2187JK136

Collected By : Josh Konnenberg Collection Date : 04/19/07 10:02

December of	Result	Det. Limit	Units	Method	Date	Dil.
Parameter						
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL 1.6	0.17 0.17 0.17 0.17 0.17 0.17 0.17	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	04/27/07 04/27/07 04/27/07 04/27/07 04/27/07 04/27/07 04/27/07	10 10 10 10 10 10
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xvlene	109. 107.		% Rec. % Rec.	8082 8082	04/27/07 04/27/07	10 10

BDL - Below Detection Limit Det. Limit - Practical Quantitation Limit(PQL)

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

April 30, 2007

ESC Sample # : L289999-04

20, 2007 April Date Received :

Washington Park Infrastructure Description

Site ID :

45-4 Sample ID

Project # : 2187JK136

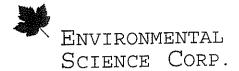
Collected By Josh Konnenberg Collection Date : Josh Konnenberg Collection Date : 04/19/07 10:05

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL 0.43	0.17 0.17 0.17 0.17 0.17 0.17 0.17	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	04/27/07 04/27/07 04/27/07 04/27/07 04/27/07 04/27/07 04/27/07	10 10 10 10 10 10
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	83.1 87.8		% Rec. % Rec.	8082 8082	04/27/07 04/27/07	10 10

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

April 30, 2007

Site ID :

ESC Sample # : L289999-05

Project # : 2187JK136

Date Received : April 20, 2007

Description : Washington Park Infrastructure

Sample ID

45-5

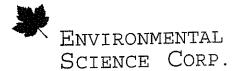
Collected By : Josh Konnenberg Collection Date : 04/19/07 10:15

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL 2.5	0.17 0.17 0.17 0.17 0.17 0.17 0.34	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	04/27/07 04/27/07 04/27/07 04/27/07 04/27/07 04/27/07 04/29/07	10 10 10 10 10 10 20
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	89.7 83.7		% Rec. % Rec.	8082 8082	04/27/07 04/27/07	10 10

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.



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Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

April 30, 2007

April 20, 2007

Date Received : Washington Park Infrastructure Description

ESC Sample # : L289999-06

Project # : 2187JK136

Site ID :

45-6 Sample ID

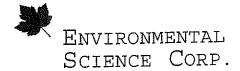
Josh Konnenberg 04/19/07 10:20 Collected By Collection Date :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL BDL 0.40	0.17 0.17 0.17 0.17 0.17 0.17 0.17	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	04/27/07 04/27/07 04/27/07 04/27/07 04/27/07 04/27/07 04/27/07	10 10 10 10 10 10
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	84.7 91.2		% Rec. % Rec.	8082 8082	04/27/07 04/27/07	10 10

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

April 30, 2007

ESC Sample # : L289999-07

20, 2007 Date Received : April

Washington Park Infrastructure Description :

Site ID :

Sample ID 45-7

Project # : 2187JK136

Josh Konnenberg Collected By : 04/19/07 10:24 Collection Date :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL BDL 0.43	0.17 0.17 0.17 0.17 0.17 0.17 0.17	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	04/27/07 04/27/07 04/27/07 04/27/07 04/27/07 04/27/07 04/27/07	10 10 10 10 10 10
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	76.4 72.3		% Rec. % Rec.	8082 8082	04/27/07 04/27/07	10 10

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040 April 30, 2007

ESC Sample # : L289999-08

Date Received : April 20, 2007

Description

Washington Park Infrastructure

Sample ID

45-8

:

Site ID :

Project # : 2187JK136

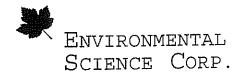
Collected By : Collection Date : Josh Konnenberg 04/19/07 10:13

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254	BDL BDL BDL BDL BDL 2.3	0.17 0.17 0.17 0.17 0.17 0.17	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	04/27/07 04/27/07 04/27/07 04/27/07 04/27/07 04/27/07 04/27/07	10 10 10 10 10
PCB 1260 PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	97.9 90.6	0.17	% Rec. % Rec.	8082 8082	04/27/07 04/27/07	10 10

BDL - Below Detection Limit Det. Limit - Practical Quantitation Limit(PQL)

Note:

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies

3737 East Broadway Rd. Phoenix, AZ 85040

April 30, 2007

ESC Sample # : L289999-09

Project # : 2187JK136

Date Received :

April 20, 2007

Description

Washington Park Infrastructure

Sample ID

Site ID :

Collected By :

Josh Konnenberg 04/19/07 10:35

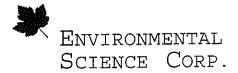
Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	0.17	mg/kg	8082	04/27/07	10
= ==	BDL	0.17	mg/kg	8082	04/27/07	10
PCB 1221	BDL	0.17	mg/kg	8082	04/27/07	10
PCB 1232		0.17	mg/kg	8082	04/27/07	10
PCB 1242	BDL			8082	04/27/07	10
PCB 1248	BDL	0.17	mg/kg		04/27/07	10
PCB 1254	$\mathtt{BDL}$	0.17	mg/kg	8082		
PCB 1260	0.41	0.17	mg/kg	8082	04/27/07	10
PCBs Surrogates			s m	8082	04/27/07	10
Decachlorobiphenyl	88.9		% Rec.			
Tetrachloro-m-xylene	90.8		% Rec.	8082	04/27/07	10

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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2187JK136

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

Sample ID

April 30, 2007

ESC Sample # : L289999-10

April 20, 2007 Date Received :

Washington Park Infrastructure Description :

Site ID :

Project # :

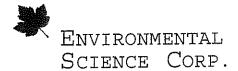
45-10

Josh Konnenberg Collected By Collection Date : 04/19/07 10:39

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	0.17	mg/kg	8082	04/27/07	10
:	BDL	0.17	mg/kg	8082	04/27/07	10
PCB 1221	BDL	0.17	mg/kg	8082	04/27/07	10
PCB 1232	BDL	0.17	mg/kg	8082	04/27/07	10
PCB 1242		0.17	mg/kg	8082	04/27/07	10
PCB 1248	BDL	-	mg/kg	8082	04/27/07	10
PCB 1254	BDL	0.17		8082	04/27/07	10
PCB 1260	1.0	0.17	mg/kg	8082	04/27/07	10
PCBs Surrogates					04/05/05	10
Decachlorobiphenyl	85.2		% Rec.	8082	04/27/07	10
Tetrachloro-m-xylene	86.4		% Rec.	8082	04/27/07	10

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

April 30, 2007

ESC Sample # : L289999-11

Date Received :

Description

Sample ID

April 20, 2007

Washington Park Infrastructure

45-11

Site ID :

Project # : 2187JK136

Josh Konnenberg Collected By Collection Date : 04/19/07 10:47

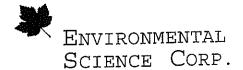
Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL BDL 0.20	0.17 0.17 0.17 0.17 0.17 0.17 0.17	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	04/27/07 04/27/07 04/27/07 04/27/07 04/27/07 04/27/07 04/27/07	10 10 10 10 10 10
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	95.9 93.3		% Rec. % Rec.	8082 8082	04/27/07 04/27/07	10 10

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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REPORT OF ANALYSIS

David Regonini Western Technologies

3737 East Broadway Rd. Phoenix, AZ 85040

April 30, 2007

ESC Sample # : L289999-29

Date Received :

April 20, 2007

Description

: Washington Park Infrastructure

Sample ID

W\$H-18

Site ID :

Project #: 2187JK136

Collected By : Josh Konnenberg Collection Date : 04/19/07 12:43

Josh Konnenberg

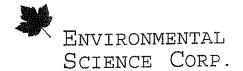
Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Parameter  Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL BDL 4.8	0.34 0.34 0.34 0.34 0.34 0.34	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	04/29/07 04/29/07 04/29/07 04/29/07 04/29/07 04/29/07 04/29/07	20 20 20 20 20 20 20 20
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	0.00		% Rec. % Rec.	8082 8082	04/29/07 04/29/07	20 20

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040 April 30, 2007

ESC Sample # : L289999-30

20, 2007 Date Received : April

Washington Park Infrastructure Description

Site ID :

WSH-19 Sample ID

Project # : 2187JK136

Collected By : Josh Konnenberg 04/19/07 12:49 Collection Date :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL BDL 3.7	0.34 0.34 0.34 0.34 0.34 0.34	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	04/27/07 04/27/07 04/27/07 04/27/07 04/27/07 04/27/07 04/27/07	20 20 20 20 20 20 20
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	96.6 94.9		% Rec. % Rec.	8082 8082	04/27/07 04/27/07	20 20

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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REPORT OF ANALYSIS

David Regonini

Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

ESC Sample # : L289999-31

April 20, 2007 Date Received :

Washington Park Infrastructure Description :

Site ID :

April 30, 2007

WSH-20 Sample ID

Project # : 2187JK136

Collected By : Collection Date : Josh Konnenberg 04/19/07 12:52

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL 1.3	0.085 0.085 0.085 0.085 0.085 0.085	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	04/26/07 04/26/07 04/26/07 04/26/07 04/26/07 04/26/07 04/26/07	5 5 5 5 5 5 5 5 5 5
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	106. 88.2		% Rec. % Rec.	8082 8082	04/26/07 04/26/07	5 5

BDL - Below Detection Limit Det. Limit - Practical Quantitation Limit(PQL)

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Tax I.D. 62-0814289

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REPORT OF ANALYSIS

April 30, 2007

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

> L289999-32 ESC Sample # :

Date Received :

20, 2007 April

Description

Washington Park Infrastructure

Sample ID

Site ID :

Project # : 2187JK136

Collected By Collection Date : Josh Konnenberg 04/19/07 12:56

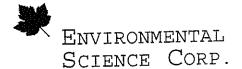
Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL BDL 0.51	0.085 0.085 0.085 0.085 0.085 0.085	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	04/27/07 04/27/07 04/27/07 04/27/07 04/27/07 04/27/07 04/27/07	ឆ ឆ ឆ ឆ ឆ ឆ ឆ ឆ
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	82.9 80.0		% Rec. % Rec.	8082 8082	04/27/07 04/27/07	5 5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

Sample ID

April 30, 2007

ESC Sample # : L289999-33

Site ID :

Date Received : April 20, 2007 Rescription : Washington Park Infrastructure WSH-22

Project # : 2187JK136

Collected By : Josh Konnenberg Collection Date : 04/19/07 13:00

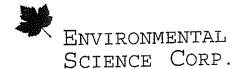
Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL 0.21	0.085 0.085 0.085 0.085 0.085 0.085	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	04/28/07 04/28/07 04/28/07 04/28/07 04/28/07 04/28/07 04/28/07	5 5 5 5 5 5 5
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	80.1 85.5		% Rec. % Rec.	8082 8082	04/28/07 04/28/07	5 5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

April 30, 2007

ESC Sample # : L289999-46

Date Received :

20, 2007 April

Description

Washington Park Infrastructure

Sample ID

DC-1

Site ID :

Project # : 2187JK136

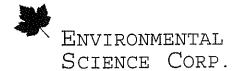
Collected By : Collection Date : Josh Konnenberg 04/19/07 14:57

- Collection Back 1 To, 11	Result	Det. Limit	Units	Method	Date	Dil.
Parameter  Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL BDL 32.	2.6 2.6 2.6 2.6 2.6 2.6 2.6 2.6	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	04/28/07 04/28/07 04/28/07 04/28/07 04/28/07 04/28/07 04/28/07	150 150 150 150 150 150
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	0.00 0.00		% Rec. % Rec.	8082 8082	04/28/07 04/28/07	150 150

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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Tax I.D. 62-0814289

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REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

Sample ID

April 30, 2007

ESC Sample # : L289999-47

Project # : 2187JK136

April 20, 2007 Date Received :

DC-2

Washington Park Infrastructure Description

Site ID :

Collected By Josh Konnenberg Collection Date: 04/19/07 15:00

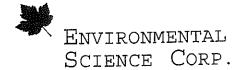
Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	1.7	mg/kg	8082	04/28/07	100
PCB 1221	BDL	1.7	mg/kg	8082	04/28/07	100
PCB 1232	BDL	1.7	mg/kg	8082	04/28/07	100
PCB 1242	BDL	1.7	mg/kg	8082	04/28/07	100
	BDL	1.7	mg/kg	8082	04/28/07	100
PCB 1248	BDL	ī.7	mg/kg	8082	04/28/07	100
PCB 1254		1.7	mg/kg	8082	04/28/07	100
PCB 1260	21.	1.7	ιιΘ/ κ9	0002	04/20/07	100
PCBs Surrogates			0 70	0000	04/20/07	7.00
Decachlorobiphenyl	0.00		% Rec.	8082	04/28/07	100
Tetrachloro-m-xylene	0.00		% Rec.	8082	04/28/07	100

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

April 30, 2007

ESC Sample # : L289999-48

Date Received :

April 20, 2007

Description :

Washington Park Infrastructure

Sample ID

DC-3

Site ID :

Project # : 2187JK136

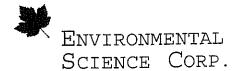
Collected By : Collection Date :

Josh Konnenberg 04/19/07 15:03

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL 10.	0.85 0.85 0.85 0.85 0.85 0.85	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082 8082	04/28/07 04/28/07 04/28/07 04/28/07 04/28/07 04/28/07 04/28/07	50 50 50 50 50 50 50
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	0.00 0.00		% Rec. % Rec.	8082 8082	04/28/07 04/28/07	50 50

BDL - Below Detection Limit Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

April 30, 2007

ESC Sample # : L289999-49

Date Received :

April 20, 2007

Description

Washington Park Infrastructure

Sample ID

DC-4

Site ID :

Project #: 2187JK136

Josh Konnenberg Collected By : Collection Date : 04/19/07 15:06

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL BDL 0.87	0.17 0.17 0.17 0.17 0.17 0.17 0.17	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082 8082	04/27/07 04/27/07 04/27/07 04/27/07 04/27/07 04/27/07 04/27/07	10 10 10 10 20 10
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	112. 103.		% Rec. % Rec.	8082 8082	04/27/07 04/27/07	10 10

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

April 30, 2007

Site ID :

ESC Sample # : L289999-50

Project # : 2187JK136

Date Received :

April 20, 2007

Description

Washington Park Infrastructure

Sample ID

DC-5

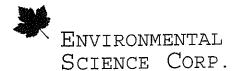
Collected By : Josh Konnenberg Collection Date : 04/19/07 15:09

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1250	BDL BDL BDL BDL BDL 12.	0.85 0.85 0.85 0.85 0.85 0.85	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	04/28/07 04/28/07 04/28/07 04/28/07 04/28/07 04/28/07 04/28/07	50 50 50 50 50 50
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	0.00		% Rec. % Rec.	8082 8082	04/28/07 04/28/07	50 50

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies

3737 East Broadway Rd. Phoenix, AZ 85040

April 30, 2007

ESC Sample # : L289999-51

Date Received : April 20, 2007 Description : Washington Park Infrastructure

Sample ID

DC-6

Site ID :

Project # : 2187JK136

Collected By : Josh Konnenberg Collection Date : 04/19/07 15:11 Collection Date :

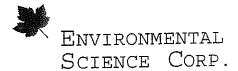
Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL 5.8	0.34 0.34 0.34 0.34 0.34	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	04/28/07 04/28/07 04/28/07 04/28/07 04/28/07 04/28/07 04/28/07	20 20 20 20 20 20 20 20
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	0.00 0.00		% Rec. % Rec.	8082 8082	04/28/07 04/28/07	20 20

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

April 30, 2007

ESC Sample # : L289999-52

Date Received : : April 20, 2007

Description

Washington Park Infrastructure

Site ID :

Sample ID

DC-7

Project # : 2187JK136

Collected By : Collection Date :

Josh Konnenberg 04/19/07 15:16

COTTECCTOU Dace : 1-1-41						
***	Result	Det. Limit	Units	Method	Date	Dil.
Parameter						
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL 9.2	0.85 0.85 0.85 0.85 0.85 0.85	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	04/28/07 04/28/07 04/28/07 04/28/07 04/28/07 04/28/07 04/28/07	50 50 50 50 50 50 50
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	0.00		% Rec. % Rec.	8082 8082	04/28/07 04/28/07	50 50

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd.

Phoenix, AZ 85040

April 30, 2007

ESC Sample # : L289999-53

Date Received :

April 20, 2007

Description

Washington Park Infrastructure

Sample ID

DC-8

Site ID :

Project # : 2187JK136

Josh Konnenberg Collected By 04/19/07 15:17 Collection Date :

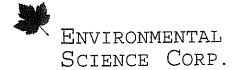
Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL 1.2	0.17 0.17 0.17 0.17 0.17 0.17 0.17	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	04/27/07 04/27/07 04/27/07 04/27/07 04/27/07 04/27/07 04/27/07	10 10 10 10 10 10
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	107. 89.7		% Rec. % Rec.	8082 8082	04/27/07 04/27/07	10 10

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

April 30, 2007

ESC Sample # : L289999-54

Date Received : Description

April 20, 2007 Washington Park Infrastructure

Sample ID

DC-9

Site ID :

Project # : 2187JK136

Collected By : Collection Date :

Josh Konnenberg 04/19/07 15:20

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL 1.2	0.17 0.17 0.17 0.17 0.17 0.17 0.17	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	04/27/07 04/27/07 04/27/07 04/27/07 04/27/07 04/27/07 04/27/07	10 10 10 10 10 10
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	95.3 96.0		% Rec. % Rec.	8082 8082	04/27/07 04/27/07	10 10

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.



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REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

Sample ID

April 30, 2007

ESC Sample # : L289999-55

Date Received : April 20, 2007

Washington Park Infrastructure Description :

DC-10

Site ID :

Project # : 2187JK136

Collected By : Josh Konnenberg Collection Date : 04/19/07 15:27

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	$\mathtt{BDL}$	0.17	mg/kg	8082	04/27/07	10
PCB 1221	BDL	0.17	mg/kg	8082	04/27/07	10
PCB 1232	BDL	0.17	mg/kg	8082	04/27/07	10
PCB 1242	BDL	0.17	mg/kg	8082	04/27/07	10
PCB 1242 PCB 1248	BDL	0.17	mg/kg	8082	04/27/07	10
PCB 1254	BDL	0.17	mg/kg	8082	04/27/07	10
PCB 1254 PCB 1260	0.25	0.17	mg/kg	8082	04/27/07	10
PCBs Surrogates						
Decachlorobiphenyl	124.		% Rec.	8082	04/27/07	10
Tetrachloro-m-xylene	113.		% Rec.	8082	04/27/07	10

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

The reported analytical results relate only to the sample submitted.

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## Attachment A List of Analytes with QC Qualifiers

Sample #	Analyte	Qualifier
L289999-19	PCB 1016	0
	PCB 1221	. 0
	PCB 1232	0
	PCB 1242	0
	PCB 1248	0
	PCB 1254	0
	PCB 1260	0
L289999-29	Decachlorobiphenyl	J7
H200000 20	Tetrachloro-m-xylene	J7
L289999-46	Decachlorobiphenyl	<b>J</b> 7
H203333 10	Tetrachloro-m-xylene	J7
L289999-47	Decachlorobiphenyl	J7
11203333 17	Tetrachloro-m-xylene	J7
L289999-48	Decachlorobiphenyl	J7
H200000 10	Tetrachloro-m-xylene	<b>3</b> 7
L289999-50	Decachlorobiphenyl	<b>J</b> 7
H200000	Tetrachloro-m-xylene	J7
L289999-51	Decachlorobiphenyl	J7
1100000 OF	Tetrachloro-m-xylene	J7
L289999-52	Decachlorobiphenyl	J7
1200000 · 02	Tetrachloro-m-xylene	J7
L289999-65	Tetrachloro-m-xylene	J2

## Attachment B Explanation of QC Qualifier Codes

Qualifier	Meaning
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits
J7	Surrogate recovery limits cannot be evaluated; surrogates were diluted out
0	(ESC) Sample diluted due to matrix interferences that impaired the ability to make an accurate analytical determination. The detection limit is elevated in order to reflect the necessary dilution.
	T. Companies

## Oualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

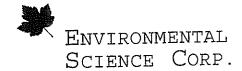
## Definitions

- Accuracy The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.
- Precision The agreement between a set of samples or between duplicate samples.

  Relates to how close together the results are and is represented by Relative Percent Differrence.
- Surrogate Organic compounds that are similar in chemical composition, extraction, and chromotography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses. Control Limits

Dibromfluoromethane 68-128 64-125 43-118 Nitrobenzene-d5 31-119 2-Fluorophenol 76-115 69-118 2-Fluorobiphenyl 45-128 Toluene-d8 12-134 Phenol-d5 4-Bromofluorobenzene 79-127 61-134 43-137 2,4,6-Tribromophenol 51-141 Terphenyl-d14

- Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, TTC or surrogates.



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enix, AZ 85040

Quality Assurance Report Level II

L289999

April 30, 2007

Vto	Result	Laboratory Bla Units	ank Date Anal	yzed	Batch	
1016 1221 1232 1242 1248 1254 1260	< .017 < .017 < .017 < .017 < .017 < .017 < .017	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	04/27/07 04/27/07 04/27/07 04/27/07 04/27/07 04/27/07 04/27/07	09:29 09:29 09:29 09:29 09:29	WG296568 WG296568 WG296568 WG296568 WG296568 WG296568 WG296568	
1016 1221 1232 1242 1248 1254 1260	< .017 < .017 < .017 < .017 < .017 < .017 < .017	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	04/24/07 04/24/07 04/24/07 04/24/07 04/24/07 04/24/07 04/24/07	20:04 20:04 20:04 20:04 20:04	WG296644 WG296644 WG296644 WG296644 WG296644 WG296644 WG296644	on and the second of the secon
1016 1221 1232 1242 1248 1254 1260	< .017 < .017 < .017 < .017 < .017 < .017 < .017	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	04/26/07 04/26/07 04/26/07 04/26/07 04/26/07 04/26/07 04/26/07	17:34 17:34 17:34 17:34 17:34	WG296709 WG296709 WG296709 WG296709 WG296709 WG296709 WG296709	
1016 1221 1232 1242 1248 1254 1260	< .017 < .017 < .017 < .017 < .017 < .017 < .017	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	04/27/07 04/27/07 04/27/07 04/27/07 04/27/07 04/27/07 04/27/07	08:55 08:55 08:55 08:55 08:55	WG296928 WG296928 WG296928 WG296928 WG296928 WG296928 WG296928	
1016 1221 1232 1242 1248 1254 1260	< .017 < .017 < .017 < .017 < .017 < .017 < .017	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	04/27/07 04/27/07 04/27/07 04/27/07 04/27/07 04/27/07 04/27/07	10:03 10:03 10:03 10:03 10:03	WG296929 WG296929 WG296929 WG296929 WG296929 WG296929 WG296929	
1016 1221 1232 1242 1248 1254	< .017 < .017 < .017 < .017 < .017 < .017 < .017	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	04/30/07 04/30/07 04/30/07 04/30/07 04/30/07 04/30/07	11:32 11:32 11:32 11:32 11:32	WG297628 WG297628 WG297628 WG297628 WG297628 WG297628 WG297628	
1200		ratory Control Known Val	Sample Result	% Rec	Limit	Batch
lyte	Units		0.130	78.0	64-120	WG296568
1260	mg/kg	.167	0.130	109.	64-120	WG296644
1260	mg/kg	.167 .167	0.136	81.5	64-120	WG296709
1260	mg/kg		0.156	93.2	64-120	WG296928
1260 1260	mg/kg mg/kg	.167 .167	0.153	91.8	64-120	WG296929



Tax I.D. 62-0814289

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penix, AZ 85040

Quality Assurance Report Level II

L289999

April 30, 2007

lyte	Lab Units	oratory Co Known V	ontrol Sa Val Re	mple sult	& I	Rec L	imit Batch
1260	mg/kg	.167	0.	140	84	1.1 6	4-120 WG297628
lyte	Laborato Units	ry Control LCSD Res I	l Sample Ref Res	Duplicat RPD	ce Limit	%Rec	Batch
1260	mg/kg	0.151	0.130	14.7	20	90	WG296568
1260	mg/kg	0.195	0.183	6.62	20	117	WG296644
1260	mg/kg	0.156	0.136	13.7	20	94	WG296709
	mg/kg	0.163	0.156	4.55	20	2 <b>97</b> :04 1.1	WG296928
1260	mg/kg	0.166	0.153	7.79	20	99	WG296929
1260	mg/kg	0.146	0.140	4.11	20	88	WG297628

atch number /Run number / Sample number cross reference

WG296644: R315498: L289999-20 21 22 23 24 25 26 27 28 29 30 31 WG296566: R315547: L289999-01 WG296568: R315548: L289999-02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 WG296709: R315829: L289999-32 33 34 35 36 37 38 39 40 41 42 43 WG296928: R316004: L289999-44 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64

WG296929: R316012: L289999-65 WG297628: R316175: L289999-66 67 68

<sup>\* \*</sup> Calculations are performed prior to rounding of reported values .



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ttern Technologies rid Regonini :7 East Broadway Rd.

enix, AZ 85040

Quality Assurance Report Level II

L289999

April 30, 2007

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

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15-9	Gruh	55	35S	4/19/0	2/639A	1/	X	-				1666	09
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- 19 3 2 / Sperie	GUSCO I	01				}	7				Prepared by:	, sgs ,
Property AZ 8	'S C40											ONMENTAL CE CORP.
											ļ	oanon Road
Report to: Approl Ceremin		Emai	il to:	1 rex	p+-115	1.00					Mt. Juliet,	ΓN 37122
Project ( Legisquist Project ( Legisquist Control Cont	In from str	uchre	City/Sate Collected	Hoeni	. 1	- COM			<b>.</b>		Phone (6	15) 758-5858
Phone: 700 2 - 4 5 7 - 57 5 7	Client Project #		ESC Key:	roenc	<del>X, .4</del>	<u></u>					Phone (8)	00) 767-5859
FAX: 002-470 1541	318271	(136-									FAX (6	15) 758-5859
Collected by:			P.O.#:		,							
Collected by (signature):	Rush? (Lal	MUST Be I		Date Result	s Needed:						CoCode	(lab use only)
2 Haland	Sa Ne	me Day xt Day	200% 100%	Email?N	lo Yes	No.		***************************************			Template/Prelogin	
tracked on Ice N Y	Tw	o Day	50%	FAX? _N		of					Shipped Via:	
Sample ID	Th Comp/Grab	ree Day Matrix*	25% Depth	Date	Time	Cntrs					Remarks/Contaminant	Sample # (lab only)
77. 17	Grah	C G	C	U_14/47		i	<i>Y</i>				Remarks/contamination	
1.18	1 2 /	-35-	2	L1-1920	12:58 12: <b>43</b>		V					1.289999-28
5 5 /4-19	Carab Carab	55	5	4-1907		1	$\frac{\gamma}{\mathcal{V}}$					30
11 20	Grab	55	15	4-19-07		7						31
+ H-21	Grah	5	(	4-19-07	12:56	. 7						3:2
1 11 22	Corols	55	1-3	4-19-07		7						33
1.54 · 23	Crock	-35	13	4-19-07		7	X					37
45H-24	Grab	55	(	4-19-07		1	$\lambda$		1			34
15H-25	Cross	55	15	4-1907		7	$\lambda$					21
'Matrix: SS - Soil/Solid GW - Grou			r DW - Drin			<del>1</del>	<u> </u>		**************************************	pI·l	Tei	np
Remarks:				Ť						Flow	Otl	ner
Relinquished by: (Signature)	Date: √_ \	7 Time:	7 Receiv	red by: (Signa	ture)	۲,		Samples  ☐ FedEx	returned ⟨□Cou	d via: 🗀 UPS	Condition:	labyse only)
Relinquished by: (Signature)		Time:	700	ved by XSigna	ture) 🧢		دىنى	Temp:	3	Bottles Received		017
Relinquished by: (Signature)	- z Date/	10) 5:0	F) Rece	ived for lab/b	y: (Signatur	Plat	12	Date:	07	Time:	pH Checked:	NCF:

Mrstern Lecknold 1777 E Broad Moonex, AZ S	egies woy Rd,		J			•  -  -  -	PC						Prepared by:	Page of
PROCESS AT C	COUN	ļ				i							💆 Enviro	ONMENTAL
		AVW.							1					CE CORP.
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opert to Down A Reevest	1/12/	Email	to: day	id. 16	wt-U	·5.							Mt. Juliet,	1
eport to Day id Region Troject Working for Trank rescription:	introstru	ctore.	City/Sate Collected	id.r6 hoeni	X.A.	7_								15) 758-5858
Phone ((02) 437-5737	Client Project #		ESC Key	*										00) 767-5859
NX (102) 470-1341	121871	(136)											FAX (6	15) 758-5859
ollected by Kalvey or va	Site/Facility ID#	<b>#</b> :	P.O.#:			_								, , , , , , , , , , , , , , , , , , ,
ollected bý (signature):	Rush? (Lal			Date Resul	Its Needed:	1							CoCode	(lab use only)
The Market Market		me Day xt Day		Email?	No Yes	No.	2						Template/Prelogin	
Sacked on Ice. N Y X	Tw	o Day	. 50%	FAX?		of	Q						Shipped Via:	
Sample ID	Th Comp/Grab	ree Day Matrix*	. 25% Depth	Date	Time	Cntrs							Remarks/Contaminant	Sample # (lab only)
54-25	+	CC	C			<del>                                     </del>	X						- Normania-	
10N-1	Cras	- 22		4-19-07		. 1								173449-37
$\frac{\lambda''\lambda'}{\lambda''\lambda'} = 2$	CATAL	-	<del>-                                    </del>		3.23 3.27									37
11. N = 5	Carab	$-\frac{2}{c}$	2		3:3								<del></del>	37
the same and the s	Criab	<u> </u>	<del>                                     </del>		13:34									9
MAN - 4	Grah	55				1		-						1
	0710b			4-19-0		1 /								42
A CONTRACTOR	(7/10/	<u>\$\$</u>	5	4-19-07	<del></del>	<del></del>		_			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			43
<u> </u>	Grah	SS	5		3:53	<u> </u>	X							44
AC 21	Grab	<u>SS</u>	5	4-19-07	3:59	11	X							45
*Matrix: \$\$ - Soil/Solid GW - Gro	undwater <b>WW</b>	- WasteWater	DW - Drin	nking Water	OT - Other_							pH _	Te	mp
Remarks:												Flow	Otl	her
Relinquished by: (Signature)	Date:	(5) Time:	M Rece	lved by Sign	ature)					es returne Ex. □ Co	ed via: □ ( urier □_	JPS	Condition:	(lab use only)
Relinquished by: (Signature)	Date:	7-67 Time:	15   1/2	ived by: (Sign	ature	and the second s			Temp:	3.	Bottles	Receive	ed:	5/4
Pelinquished by: (Signature)	Date	Time:	Rece	eived for lab I	by: (Signatu	re) //c/	pf (		Date:	20 <del>0</del> 7	Time:		pH Checked:	NCF:

Western Ficht	North	Tric Rel	v										ENVIRO SCIENCE 12065 Leb	E CORP.
oject escription (CC) (CC) (CC) escription (CC) (CC) (CC) (CC) escription (CC) (CC) (CC) (CC) (CC) (CC) (CC) (CC	Client Project #	136 136	City/Sate Collected ESC Key		ictu	3.0	72						Mt. Juliet, 7 Phone (61 Phone (80	
offected by (signature):	Rush? (La   Sa   Ne   Tv	".  B MUST Be Normal Be Normal Bernstein Berns	lotified ) 200% . 100% . 50%	Email?	nults Needed: _NoYes _NoYes	No.							CoCode Template/Prelogin Shipped Via:	(lab use only)
Sample ID	Comp/Grab	Matrix*	Depth	Date	Time		1,0					R	Remarks/Contaminant	Sample # (lab only)
DCA	Grah	SOIL	S	4-19.	0/2570	1	${}$							LZ89999-46
D(-2		1	8	1	300 00	4 /	X							1 347
00.3			S		303 01	n l	$\times$							49
DC-4			S		3060	int l	×.	111						49
D( - 13			S		809 p	N /		1						50
			5		311 pm	1								41
			S		3/60									(1
			13		10	<del>                                     </del>	$\exists \vdash$							53
	<del>                                     </del>	4	15	<del>                                     </del>	13:70	7 /	$\leftarrow$			\$ 				54
	il.	<u> </u>		Ф	1320y	<b>斗</b> /								
*Matrix: SS - Soil/Solid GW - Gro	undwater <b>WW</b>	- WasteWater	DW - Drin	king Wate	r OT - Other_							pH	Ter	np
Remarks:	,											Flow	Oti	ner
Relinquished by: (Signature)	4/6/19	17 5 me:		ved by: (Si	gradure x			Sam □ Fe	nples re edEx	eturned Cour	via: □ U ier □_	PS	Condition:	(lab use only)
Solinquished by: (Signature)	Date	: Time:			nature)	***************************************		Tem	ıı: 3, 3	, 0		Received: Yoこ		OP
Pelinquished by: (Signature)	Date	: Time:	Rece	eived for la	b by: (Signatu	re)		Dat	te: •20		Time:		pH Checked:	NCF:

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	44/H	5 +	City/Sate Collected		~\ Us	<u> </u>							Phone (6	15) 758-5858
hone 4-62 48,73,737	Client Project	#:	ESC Key	:			·							00) 767-5859 15) 758-5859
ollected by:	Site/Facility IE	. , ,	P.O.#:									-		
ollected by (signature):)	s s	ab MUST Be N ame Day ext Day wo Day	. 200% . 100%	Email? _	ults Needed: _NoYes	No.	8				***************************************		CoCode Template/Prelogin	(lab use only)
asked on lee N Y	1	hree Day		FAX? _	_NoYes	Cntrs	B						Shipped Via:	
Sample ID	Comp/Grab	Matrix*	Depth	Date	Time		<b>3</b>						Remarks/Contaminant	Sample # (lab only)
	(DiCt)	Soil	3	17-190	73=/p1	1				-				L789999-55
	-		7,		330 pr	7 (	X					<u> </u>		56
1)( 1/2			13		334 pm	<del>                                     </del>							***************************************	9/
$\frac{1}{1}$	-		<u> </u>		336 pm									5.9
00/19			3		133901	1								59
1)(1)			2		3430	<u>\                                    </u>							***	60
			S		3491	a (	12						VIII.	61
DC-216			S		350 n	1	17							62
D(-17)	\ \V	V	5		353	1	1/4							63
*Matrix: SS - Soil/Solid GW - Grou	undwater <b>WW</b>	- WasteWater	DW - Drin	iking Water	OT - Othe:			,	•			pH _	Te	mp
Remarks:	1.100	7										Flow_	Oı	her
Relinquished by (Signature)	Day	Sime?	Recei	ved bý) (Sig	inalure)	ۍ کې رخ	<u> </u>		Samples □ FedEx			JPS	Condition:	(lab use only)
Relinquished by: (Signature)	i pate	Time;	Recei	ved by: (8)	— 7° = 8			-	Temp:	ه ک	Bottles	Received Yu7	<b>l</b> :	OF
Relinquished by: (Signature)	Date				by: (Signatur	e) 			Date:		Time:	ىك	pH Checked:	NCF:

Wastyn Tech	nologies		ну внопников.		7.23				Prepared by:	Page of
MANUTECH PH A	siduay!	6							ENVIRO SCIENC 12065 Lebi	E CORP.
chord to	1011111 S		vict ment-us	.com					Mt. Juliet, T Phone (61	N 37122 5) 758-5858
	Client Project #:	ESC I								0) 767-5859 5) 758-5859
offected by: CGCLUMC offected by (signature):	Same	P.O.#  #UST Be Notified Day 200% Day	Date Results Need Email?NoYe	No.	2				CoCode. Template/Prelogin	(lab use only)
acked on Ice N Y	Three	Day50%	FAX?NoY	es Cntrs					Shipped Via:	Sample # (lab only)
Sample ID	Comp/Grab	Matrix* Depti			(	Number 0				1281919-64
D-264 DC 204			410	port /	\(\lambda\) \(\lambda\) \(\lambda\) \(\lambda\)	-10-00-0				6) 6b (7
45 203 WSH.221	W		1 77.3	pin /	X					68
									To	
*Matrix: \$\$ - Soil/Solid GW - Grou	undwater <b>WW</b> - W	/asteWater DW -	Orinking Water OT - Of	her	<del>-</del>			pH _ Flow _	TerOti	
Relinquished IIV: (Signature)	Daler)	Zimien () R	celved by: (Signallyle) (	<u> </u>		Samples ret □ FedEx □	] Courier		Condition:	(lab use only)
Relinquished by: (Si <b>gnature)</b>	Date:		eceived by/(signature)	,		Temp: 3 8	/.:	les Receive 7 = 40 °C		) (
Colinquished by: (Signature)	Date:	Time: F	Received for lab by (Sig	inature)		Date: 4/20/0	フ Tim	e: 5w	pH Checked:	NCF:

Dupont Circle Right-of-Way Borings and Grab Samples WT Job No. 2187JK136



Tax I.D. 62-0814289

Est. 1970

David Regonini Western Technologies 3737 East Broadway Rd.

Phoenix, AZ 85040

Report Summary

Friday April 27, 2007

Report Number: L290245
Samples Received: 04/24/07
Client Project: 2187JK136

Description: Washington Park Infrastructure

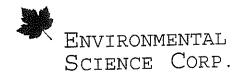
The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Reviewed By:

Travis Johnson, ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 09227, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487 GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140 NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233 AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, WA - C1915



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

April 27, 2007

ESC Sample # : L290245-11

24, 2007 April Date Received :

Washington Park Infrastructure Description

Site ID :

Project # : 2187JK136

Sample ID

Collected By : Josh Kounenberg Collection Date : 04/23/07 11:28						
Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL BDL	0.085 0.085 0.085 0.085 0.085 0.085 0.085	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	04/25/07 04/25/07 04/25/07 04/25/07 04/25/07 04/25/07 04/25/07	5 5 5 5 5 5 5 5
PCBs Surrogates  Decachlorobiphenyl  Tetrachloro-m-xylene	90.2 65.8		% Rec. % Rec.	8082 8082	04/25/07 04/25/07	5 5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

April 27, 2007

ESC Sample # : L290245-12

24, 2007 April Date Received :

Washington Park Infrastructure Description :

Site ID :

B4-10 Sample ID

Project # : 2187JK136

Collected By : Josh Kounenberg Collection Date : 04/23/07 11:36 Josh Kounenberg

arameter	Result	Det. Limit	Units	Method	Date	Dil.
	BDL	0.020	mg/kg	7471	04/25/07	1
Mercury	מעם	0.020				
	BDL	5.0	mg/kg	6010B	04/25/07	5
Arsenic	74.	0.25	mg/kg	6010B	04/25/07	1
Barium	BDL	0.25	mg/kg	6010B	04/25/07	1
Cadmium	7.7	0.50	mg/kg	6010B	04/25/07	1
Chromium	6.0	1.2	mg/kg	6010B	04/25/07	5
Lead	1.2	1.0	mg/kg	6010B	04/25/07	1
Selenium	BDL	2.5	mg/kg	6010B	04/25/07	5
Silver	יותם	2.5	5/5		, ,	
olatile Organics		2.0	mg/kg	8260B	04/25/07	60.5
Acetone	BDL	3.0		8260B	04/25/07	60.5
Acrylonitrile	BDL	0.60	mg/kg	8260B 8260B	04/25/07	60.5
Benzene	$\mathtt{BDL}$	0.060	mg/kg		04/25/07	60.5
Bromobenzene	BDL	0.060	mg/kg	8260B	04/25/07	60.5
Bromodichloromethane	BDL	0.060	mg/kg	8260B	04/25/07	60.5
Bromoform	BDL	0.060	mg/kg	8260B		60.5
Bromomethane	BDL	0.30	mg/kg	8260B	04/25/07	60.5
n-Butylbenzene	$\mathtt{BDL}$	0.060	mg/kg	8260B	04/25/07	60.5
sec-Butylbenzene	$\mathtt{BDL}$	0.060	mg/kg	8260B	04/25/07	
tert-Butylbenzene	$\mathtt{BDL}$	0.060	mg/kg	8260B	04/25/07	60.5
Carbon tetrachloride	BDL	0.060	mg/kg	8260B	04/25/07	60.5
Chlorobenzene	BDL	0.060	mg/kg	8260B	04/25/07	60.5
Chlorodibromomethane	BDL	0.060	mg/kg	8260B	04/25/07	60.5
Chloroethane	BDL	0.060	mg/kg	8260B	04/25/07	60.5
2-Chloroethyl vinyl ether	BDL	3.0	mg/kg	8260B	04/25/07	60.5
2-Culoroerul Alula ecuci	BDL	0.30	mg/kg	8260B	04/25/07	60.5
Chloroform	BDL	0.060	mg/kg	8260B	04/25/07	60.5
Chloromethane	BDL	0.060	mg/kg	8260B	04/25/07	60.5
2-Chlorotoluene	BDL	0.060	mg/kg	8260B	04/25/07	60.5
4-Chlorotoluene	BDL	0.30	mg/kg	8260B	04/25/07	60.5
1,2-Dibromo-3-Chloropropane	BDL	0.060	mg/kg	8260B	04/25/07	60.5
1,2-Dibromoethane	BDL	0.060	mg/kg	8260B	04/25/07	60.5
Dibromomethane	BDL	0.060	mg/kg	8260B	04/25/07	60.5
1,2-Dichlorobenzene	BDL	0.060	mg/kg	8260B	04/25/07	60.5
1,3-Dichlorobenzene		0.060	mg/kg	8260B	04/25/07	60.5
1,4-Dichlorobenzene	BDL	0.060	mg/kg	8260B	04/25/07	60.5
Dichlorodifluoromethane	BDL		mg/kg	8260B	04/25/07	60.5
1,1-Dichloroethane	BDL	0.060	mg/kg	8260B	04/25/07	60.5
1,2-Dichloroethane	BDL	0.060		8260B 8260B	04/25/07	60.5
1.1-Dichloroethene	BDL	0.060	mg/kg	8260B 8260B	04/25/07	60.5
cis-1,2-Dichloroethene	BDL	0.060	mg/kg	8260B 8260B	04/25/07	60.5
trans-1,2-Dichloroethene	BDL	0.060	mg/kg		04/25/07	60.5
1,2-Dichloropropane	BDL	0.060	mg/kg	8260B		60.5
1,1-Dichloropropene	BDL	0.060	mg/kg	8260B	04/25/07	60.5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)



Tax I.D. 62-0814289

Est. 1970

### REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040 April 27, 2007

ESC Sample # : L290245-12

24, 2007 Date Received : April

: Washington Park Infrastructure Description

Site ID :

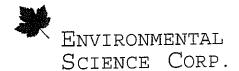
Sample ID B4-10 Project # : 2187JK136

Collected By : Josh Kounenberg Collection Date : 04/23/07 11:36 Josh Kounenberg

Collection Date: 04/23/0/ 11:30						
Parameter	Result	Det. Limit	Units	Method	Date	Dil.
	DD7	0.060	mg/kg	8260B	04/25/07	60.5
1,3-Dichloropropane	BDL	0.060	mg/kg	8260B	04/25/07	60.5
cis-1,3-Dichloropropene	BDL		mg/kg	8260B	04/25/07	60.5
trans-1,3-Dichloropropene	BDL	0.060	mg/kg	8260B	04/25/07	60.5
2,2-Dichloropropane	BDL	0.060	mg/kg	8260B	04/25/07	60.5
Di-isopropyl ether	$\mathtt{BDL}$	0.060	mg/kg	8260B	04/25/07	60.5
Ethylbenzene	$\mathtt{BDL}$	0.060	mg/kg	8260B	04/25/07	60.5
Hexachlorobutadiene	$\mathtt{BDL}$	0.060	mg/kg		04/25/07	60.5
Isopropylbenzene	$\mathtt{BDL}$	0.060	mg/kg	8260B	04/25/07	60.5
p-Isopropyltoluene	$\mathtt{BDL}$	0.060	mg/kg	8260B		60.5
2-Butanone (MEK)	BDL	0.60	mg/kg	8260B	04/25/07	
Methylene Chloride	$\mathtt{BDL}$	0.30	mg/kg	8260B	04/25/07	60.5
4-Methyl-2-pentanone (MIBK)	BDL	0.60	mg/kg	8260B	04/25/07	60.5
Methyl tert-butyl ether	BDL	0.060	mg/kg	8260B	04/25/07	60.5
Naphthalene	BDL	0.30	mg/kg	8260B	04/25/07	60.5
	BDL	0.060	mg/kg	8260B	04/25/07	60.5
n-Propylbenzene	BDL	0.060	mg/kg	8260B	04/25/07	60.5
Styrene	BDL	0.060	mg/kg	8260B	04/25/07	60.5
1,1,1,2-Tetrachloroethane	BDL	0.060	mg/kg	8260B	04/25/07	60.5
1,1,2,2-Tetrachloroethane	BDL	0.060	mg/kg	8260B	04/25/07	60.5
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.060	mg/kg	8260B	04/25/07	60.5
Tetrachloroethene		0.30	mg/kg	8260B	04/25/07	60.5
Toluene	BDL	0.060	mg/kg	8260B	04/25/07	60.5
1,2,3-Trichlorobenzene	BDL		mg/kg	8260B	04/25/07	60.5
1,2,4-Trichlorobenzene	BDL	0.060	mg/kg	8260B	04/25/07	60.5
1,1,1-Trichloroethane	BDL	0.060	g/xg	8260B	04/25/07	60.5
1,1,2-Trichloroethane	$\mathtt{BDL}$	0.060	mg/kg	8260B	04/25/07	60.5
Trichloroethene	BDL	0.060	mg/kg		04/25/07	60.5
Trichlorofluoromethane	BDL	0.060	mg/kg	8260B	04/25/07	60.5
1,2,3-Trichloropropane	BDL	0.060	mg/kg	8260B		60.5
1,2,4-Trimethylbenzene	BDL	0.060	mg/kg	8260B	04/25/07	
1,2,3-Trimethylbenzene	$\mathtt{BDL}$	0.060	mg/kg	8260B	04/25/07	60.5
1,3,5-Trimethylbenzene	BDL	0.060	mg/kg	8260B	04/25/07	60.5
Vinyl chloride	BDL	0.060	mg/kg	8260B	04/25/07	60.5
	BDL	0.18	mg/kg	8260B	04/25/07	60.5
Xylenes, Total	<del>-</del>					
Surrogate Recovery	97.0		% Rec.	8260B	04/25/07	60.5
Toluene-d8	86.1		% Rec.	8260B	04/25/07	60.5
Dibromofluoromethane	105.		% Rec.	8260B	04/25/07	60.5
4-Bromofluorobenzene	105.			•		
C10-C22 Hydrocarbons	BDL	30.	mg/kg	8015AZ	04/26/07	1
C22-C32 Hydrocarbons	BDL	50.	mg/kg	8015AZ	04/26/07	1
C22-C32 Hydrocarbons			D			
Polychlorinated Biphenyls				8082	04/25/07	5
PCB 1016	$\mathtt{BDL}$	0.085	mg/kg		04/25/07	5
PCB 1221	$\mathtt{BDL}$	0.085	mg/kg	8082	04/23/07	2

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

April 27, 2007

ESC Sample # : L290245-12

Project # : 2187JK136

24, 2007 Date Received : April

Washington Park Infrastructure Description :

Site ID :

Sample ID B4-10

Collected By : Josh Koungard 104/23/07 11:36 Josh Kounenberg

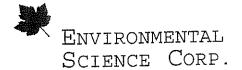
Parameter	Result	Det Limit	Units	Method	Date	Dil.
PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL	0.085 0.085 0.085 0.085 0.085	mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082	04/25/07 04/25/07 04/25/07 04/25/07 04/25/07	5 5 5 5 5
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	77.3 47.2		% Rec. % Rec.	8082 8082	04/25/07 04/25/07	5 5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

April 27, 2007

ESC Sample # : L290245-13

Date Received : April 24, 2007
Description : Washington Park Infrastructure

Sample ID

B4-15

Site ID :

Project # : 2187JK136

Collected By : Josh Koumenberg Collection Date : 04/23/07 11:42

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL BDL BDL	0.085 0.085 0.085 0.085 0.085 0.085 0.085	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	04/25/07 04/25/07 04/25/07 04/25/07 04/25/07 04/25/07 04/25/07	១ ១ ១ ១ ១ ១ ១
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	92.5 67.5		% Rec. % Rec.	8082 8082	04/25/07 04/25/07	5 5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.



Tax I.D. 62-0814289

Est. 1970

### REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040 April 27, 2007

ESC Sample # : L290245-14

Project # : 2187JK136

Date Received : April 24, 2007 Description : Washington Park Infrastructure

Site ID :

B4-20 Sample ID

Collected By : Josh Kounenberg Collection Date : 04/23/07 11:50

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Mercury	BDL	0.020	mg/kg	7471	04/25/07	1
	BDL	5.0	mg/kg	6010B	04/25/07	5
Arsenic	31.	0.25	mg/kg	6010B	04/25/07	1
Barium	BDL	0.25	mg/kg	6010B	04/25/07	1 1
Cadmium	5.2	0.50	mg/kg	6010B	04/25/07	1
Chromium	5.6	1.2	mg/kg	6010B	04/25/07	5
Lead	BDL	1.0	mg/kg	6010B	04/25/07	<u>1</u>
Selenium		2.5	mg/kg	6010B	04/25/07	5
Silver	BDL	2.5	"@/ v9	00102	01, 20, 11	_
Volatile Organics			/1	8260B	04/25/07	48
Acetone	BDL	2.4	mg/kg	8260B	04/25/07	48
Acrylonitrile	BDL	0.48	mg/kg		04/25/07	48
Benzene	$\mathtt{BDL}$	0.048	mg/kg	8260B	04/25/07	48
Bromobenzene	$\mathtt{BDL}$	0.048	mg/kg	8260B		48
Bromodichloromethane	$\mathtt{BDL}$	0.048	mg/kg	8260B	04/25/07	
Bromoform	$_{ m BDL}$	0.048	mg/kg	8260B	04/25/07	48
Bromomethane	BDL	0.24	mg/kg	8260B	04/25/07	48
n-Butylbenzene	$\mathtt{BDL}$	0.048	mg/kg	8260B	04/25/07	48
sec-Butylbenzene	$\mathtt{BDL}$	0.048	mg/kg	8260B	04/25/07	48
tert-Butylbenzene	BDL	0.048	mg/kg	8260B	04/25/07	48
Carbon tetrachloride	BDL	0.048	mg/kg	8260B	04/25/07	48
Chlorobenzene	BDL	0.048	mg/kg	8260B	04/25/07	48
Chlorodibromomethane	BDL	0.048	mg/kg	8260B	04/25/07	48
	BDL	0.048	mg/kg	8260B	04/25/07	48
Chloroethane 2-Chloroethyl vinyl ether	BDL	2.4	mg/kg	8260B	04/25/07	48
	BDL	0.24	mg/kg	8260B	04/25/07	48
Chloroform	BDL	0.048	mg/kg	8260B	04/25/07	48
Chloromethane	BDL	0.048	mg/kg	8260B	04/25/07	48
2-Chlorotoluene	BDL	0.048	mg/kg	8260B	04/25/07	48
4-Chlorotoluene	BDL	0.24	mg/kg	8260B	04/25/07	48
1,2-Dibromo-3-Chloropropane	BDL	0.048	mg/kg	8260B	04/25/07	48
1,2-Dibromoethane	BDL	0.048	mg/kg	8260B	04/25/07	48
Dibromomethane		0.048	mg/kg	8260B	04/25/07	48
1,2-Dichlorobenzene	BDL	0.048	mg/kg	8260B	04/25/07	48
1,3-Dichlorobenzene	BDL			8260B	04/25/07	48
1,4-Dichlorobenzene	BDL	0.048	mg/kg	8260B	04/25/07	48
Dichlorodifluoromethane	$\mathtt{BDL}$	0.048	mg/kg		04/25/07	48
1,1-Dichloroethane	BDL	0.048	mg/kg	8260B		48
1,2-Dichloroethane	$\mathtt{BDL}$	0.048	mg/kg	8260B	04/25/07 04/25/07	48
1,1-Dichloroethene	$\mathtt{BDL}$	0.048	mg/kg	8260B		48 48
cis-1,2-Dichloroethene	$\mathtt{BDL}$	0.048	mg/kg	8260B	04/25/07	
trans-1,2-Dichloroethene	$\mathtt{BDL}$	0.048	mg/kg	8260B	04/25/07	48
1,2-Dichloropropane	$\mathtt{BDL}$	0.048	mg/kg	8260B	04/25/07	48
1,1-Dichloropropene	BDL	0.048	mg/kg	8260E	04/25/07	48
T' T-DICITION OF OF OTHER						

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)



Tax I.D. 62-0814289

Est. 1970

### REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

April 27, 2007

ESC Sample # : L290245-14

Date Received : April 24, 2007 Description : Washington Park Infrastructure

Site ID :

Project # : 2187JK136

Sample ID

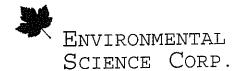
B4-20

Collected By : Josh Kounenberg

Collection Date : 04/23/07 11:50

	Result	Det. Limit	Units	Method	Date	Dil.
Parameter	RESULL	Det. Dimit	011100			
	BDL	0.048	mg/kg	8260B	04/25/07	48
1,3-Dichloropropane	BDL	0.048	mg/kg	8260B	04/25/07	48
cis-1,3-Dichloropropene	BDL	0.048	mg/kg	8260B	04/25/07	48
trans-1,3-Dichloropropene	BDL	0.048	mg/kg	8260B	04/25/07	48
2,2-Dichloropropane	BDL	0.048	mg/kg	8260B	04/25/07	48
Di-isopropyl ether		0.048	mg/kg	8260B	04/25/07	48
Ethylbenzene	BDL	0.048	mg/kg	8260B	04/25/07	48
Hexachlorobutadiene	BDL	0.048	mg/kg	8260B	04/25/07	48
Isopropylbenzene	BDL		πg/kg	8260B	04/25/07	48
p-Isopropyltoluene	BDL	0.048		8260B	04/25/07	48
2-Butanone (MEK)	BDL	0.48	mg/kg	8260B	04/25/07	48
Methylene Chloride	$\mathtt{BDL}$	0.24	mg/kg	8260B	04/25/07	48
4-Methyl-2-pentanone (MIBK)	$\mathtt{BDL}$	0.48	mg/kg		04/25/07	48
Methyl tert-butyl ether	$\mathtt{BDL}$	0.048	mg/kg	8260B	04/25/07	48
Naphthalene	$\mathtt{BDL}$	0.24	mg/kg	8260B		48
n-Propylbenzene	BDL	0.048	mg/kg	8260B	04/25/07	48
Styrene	BDL	0.048	mg/kg	8260B	04/25/07	
1,1,1,2-Tetrachloroethane	BDL	0.048	mg/kg	8260B	04/25/07	48
1,1,2,2-Tetrachloroethane	BDL	0.048	mg/kg	8260B	04/25/07	48
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.048	mg/kg	8260B	04/25/07	48
1,1,2-Trichloro-1,2,2-Criffidoro	BDL	0.048	mg/kg	8260B	04/25/07	48
Tetrachloroethene	BDL	0.24	mg/kg	8260B	04/25/07	48
Toluene	BDL	0.048	mg/kg	8260B	04/25/07	48
1,2,3-Trichlorobenzene	BDL	0.048	mg/kg	8260B	04/25/07	48
1,2,4-Trichlorobenzene	BDL	0.048	mg/kg	8260B	04/25/07	48
1,1,1-Trichloroethane	BDL	0.048	mg/kg	8260B	04/25/07	48
1,1,2-Trichloroethane	BDL	0.048	mg/kg	8260B	04/25/07	48
Trichloroethene		0.048	mg/kg	8260B	04/25/07	48
Trichlorofluoromethane	BDL	0.048	mg/kg	8260B	04/25/07	48
1,2,3-Trichloropropane	BDL	0.048	mg/kg	8260B	04/25/07	48
1,2,4-Trimethylbenzene	BDL		mg/kg	8260B	04/25/07	48
1,2,3-Trimethylbenzene	BDL	0.048		8260B	04/25/07	48
1,3,5-Trimethylbenzene	$\mathtt{BDL}$	0.048	mg/kg	8260B	04/25/07	48
Vinyl chloride	BDL	0.048	πg/kg		04/25/07	48
Xylenes, Total	BDL	0.14	mg/kg	8260B	04/23/07	40
Surrogate Recovery					04/25/07	48
Toluene-d8	98.0		% Rec.	8260B		48
Dibromofluoromethane	82.6		% Rec.	8260B	04/25/07	
4-Bromofluorobenzene	104.		% Rec.	8260B	04/25/07	48
#-PIOMOTTGOLODENZCHC						
are are thedroperhope	BDL	30.	mg/kg	8015AZ	04/26/07	1
C10-C22 Hydrocarbons	BDL	50.	mg/kg	8015AZ	04/26/07	1
C22-C32 Hydrocarbons		<del>-</del> - ·	2. 2			
Polychlorinated Biphenyls			/1	8082	04/25/07	5
PCB 1016	BDL	0.085	mg/kg		04/25/07	5
PCB 1221	BDL	0.085	mg/kg	8082	04/25/07	J
·						

BDL - Below Detection Limit Det. Limit - Practical Quantitation Limit(PQL)



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regoniní Western Technologies 3737 East Broadway Rd. April 27, 2007

Phoenix, AZ 85040

ESC Sample # : L290245-14

Date Received : :

April

Description

24, 2007

Washington Park Infrastructure

Site ID :

Sample ID

B4-20

Project # : 2187JK136

Collected By : Josh Kounenberg Collection Date : 04/23/07 11:50

Josh Kounenberg

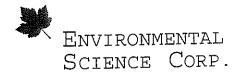
Parameter	Result	Det. Limit	Units	Method	Date	Dil.
PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL	0.085 0.085 0.085 0.085 0.085	mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082	04/25/07 04/25/07 04/25/07 04/25/07 04/25/07	5 5 5 5 5
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	94.1 57.8		% Rec. % Rec.	8082 8082	04/25/07 04/25/07	5 5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

April 27, 2007

ESC Sample # : L290245-15

Date Received :

24, 2007 April

Description

: Washington Park Infrastructure

Sample ID

B5-5

Site ID :

Project # : 2187JK136

Collected By : Collected By : Josh Kounenberg Collection Date : 04/23/07 12:03

Josh Kounenberg

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL BDL	0.085 0.085 0.085 0.085 0.085 0.085 0.085	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	04/25/07 04/25/07 04/25/07 04/25/07 04/25/07 04/25/07 04/25/07	5 5 5 5 5 5 5 5
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	85.4 66.1		% Rec. % Rec.	8082 8082	04/25/07 04/25/07	5 5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

April 27, 2007

ESC Sample #

..

L290245-16

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

Date Received Description

.. .. April 24, 2007 Washington Park Infrastructure

Sample ID \*\* B5-10

Project #

2187JK136

Ħ \*\*

Collected By : Collection Date :

Josh Kounenberg 04/23/07 12:09

COTTECTION Date . Oa/Bo/o/ Ferox						
Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Mercury	BDL	0.020	mg/kg	7471	04/25/07	ч
Arsenic	6.2			6010B	4/25/0	. р
Barium	57.	ว o ง ฌ ภ เท		8010B	04/25/07	μμ
Cadmium	13 5	л k	~ ~	TO LOW	4/25/0	<b>-</b> F
Chromium	л. л.	٠, ن	~ ~	5010B	4/25/0	µ و
Leaα .	g 0. u	۰,		AUTOR GEORGE	4/25/0	<u>ا</u> ب
Silver	BDL	0.50	mg/kg	6010B	4/25/0	<b>⊢</b> 1
Volatile Organics	) ) )	3	11 /15	) h	A / J II / I	л
Acetone	BDL	O. 54	mg/kg	8260B	4/25/0	55 42
Benzene	BDL	0.054	mg/kg	26	4/25/0	1 UI
Bromobenzene	BDE.	0.054		は の の の の の の の の の の の の の の の の の の の	4/25/0	υπ 4 4
Bromoform Bromoform	BDL 1	0.054 4	mg/kg	8260B	4/25/0	1 173 1 44
Bromomethane	BDL	0.27		8260B	4/25/0	55,44
n-Butylbenzene	3DL	0.054	ng/kg	8260B	04/25/07	υπ 4ι 4
sec-butylbenzene	BDL BDL	0.054	mg/kg	8260B	4/25/0	υ 1 44
Carbon tetrachloride	BDL	0.054	~	8260B	4/25/0	10 I 4. 4
Chlorobenzene	BDL	0.054		8260B	4/25/0	υ α 4 4
Chlorodibromomethane	BDT.	0.054	2 2 2 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3	8260B	4/25/C	IJ ( ,42 ±
2-Chloroethyl vinyl ether	BDL	2.7	~	8260B	4/25/C	54
Chloroform "	TOR	0.27	~	82603	4/25/0	υ 4. 4
Chloromethane	BDL	0.00 4.4		0 7 0 C E	7 / R C / 4	UR N 4
2-Chlorotoluene	מולק מולק מולק	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		8260H	7,527,4	J D
1 2-Dibromo-3-Chloropropane	EDI.	0.27	mg/kg	8260B	4/25/0	57 44 44
1.2-Dibromoethane	BDL	0.054	mg/kg	8260B	4/25/0	.₩ M
٦.	BDL,	0.054	mg/kg	8260B	4/25/0	10 r 44 ¢
$\sim$	BDL	0.054		0000E	4/VU/C	ስ ተ ረ
1	מבור מבור	0 . O 4 . O 4 . A		82600	4/25/0	n L 4
L, #-bichich Obenzene Dichlorodif]noromethane	TOE	0.054	mg/kg	8260B	1/25/0	57 44,
₽ 1	BDL	0.054		8260B	4/25/0	ru r 4u
1,2-Dichloroethane	BDL	0.054		8260E	4/25/0	T CF
<u>س</u> ر ۱	BDL	0.054		) N	4/20/0	υ r 4. 4
cis-1,2-Dichloroethene	BDL	0.054	~	000	*/ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	ų e
trans-1,2-Dichloroethene	BDL	0.054	mg/kg	000	1/VU/C	ם כ
1,2-Dichloropropane	B).	0.004	10/2/20/20/20/20/20/20/20/20/20/20/20/20/	はつないのかのから	1/25/0	) n. h 4
1,1-Dichloropropene	BUL	0.00#		0	#/ h U / 0	i i

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

April 27, 2007

ESC Sample # : L290245-16

24, 2007

Date Received : April 24, 2007 Description : Washington Park Infrastructure Description

Site ID :

B5-10 Sample ID

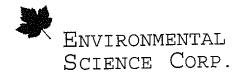
Project # : 2187JK136

Collected By : Josh Kounenberg Collection Date : 04/23/07 12:09 Josh Kounenberg

	_ *.		Units	Method	Date	Dil.
Parameter	Result	Det. Limit	Ullics	MECHOG		
	BDL	0.054	mq/kg	8260B	04/25/07	54
1,3-Dichloropropane	BDL	0.054	mg/kg	8260B	04/25/07	54
cis-1,3-Dichloropropene	BDL BDL	0.054	mg/kg	8260B	04/25/07	54
trans-1,3-Dichloropropene	BDL BDL	0.054	mg/kg	8260B	04/25/07	54
2,2-Dichloropropane	BDL	0.054	mg/kg	8260B	04/25/07	54
Di-isopropyl ether	BDL	0.054	mg/kg	8260B	04/25/07	54
Ethylbenzene		0.054	mg/kg	8260B	04/25/07	54
Hexachlorobutadiene	BDL	0.054	mg/kg	8260B	04/25/07	54
Isopropylbenzene	BDL	0.054	mg/kg	8260B	04/25/07	54
p-Isopropyltoluene	BDL		mg/kg	8260B	04/25/07	54
2-Butanone (MEK)	BDL	0.54		8260B	04/25/07	54
Methylene Chloride	BDL	0.27	mg/kg	8260B	04/25/07	54
4-Methyl-2-pentanone (MIBK)	BDL	0.54	mg/kg	8260B	04/25/07	54
Methyl tert-butyl ether	$\mathtt{BDL}$	0.054	mg/kg	8260B	04/25/07	54
Naphthalene	$\mathtt{BDL}_{i}$	0.27	mg/kg		04/25/07	54
n-Propylbenzene	$\mathtt{BDL}$	0.054	mg/kg	8260B	04/25/07	54
Styrene	BDL	0.054	mg/kg	8260B	04/25/07	54
1,1,1,2-Tetrachloroethane	$\mathtt{BDL}$	0.054	mg/kg	8260B	04/25/07	54
1,1,2,2-Tetrachloroethane	BDL	0.054	mg/kg	8260B		54
1,1,2-Trichloro-1,2,2-trifluoro	$\mathtt{BDL}$	0.054	mg/kg	8260B	04/25/07	54 54
Tetrachloroethene	BDL	0.054	mg/kg	8260B	04/25/07	
Toluene	BDL	0.27	mg/kg	8260B	04/25/07	54
1,2,3-Trichlorobenzene	$\mathtt{BDL}$	0.054	mg/kg	8260B	04/25/07	54
1,2,4-Trichlorobenzene	BDL	0.054	mg/kg	8260B	04/25/07	54
1,2,4-Trichlorobenzene	BDL	0.054	mg/kg	8260B	04/25/07	54
1,1,1-Trichloroethane	BDL	0.054	mg/kg	8260B	04/25/07	54
1,1,2-Trichloroethane	BDL	0.054	mg/kg	8260B	04/25/07	54
Trichloroethene	BDL	0.054	mg/kg	8260B	04/25/07	54
Trichlorofluoromethane	BDL	0.054	mg/kg	8260B	04/25/07	54
1,2,3-Trichloropropane	BDL	0.054	mg/kg	8260B	04/25/07	54
1,2,4-Trimethylbenzene	BDL	0.054	mg/kg	8260B	04/25/07	54
1,2,3-Trimethylbenzene	BDL	0.054	mg/kg	8260B	04/25/07	54
1,3,5-Trimethylbenzene	BDL	0.054	mg/kg	8260B	04/25/07	54
Vinyl chloride	BDL	0.16	mg/kg	8260B	04/25/07	54
Xylenes, Total	BDT	0.10	51 1-5	<del>-</del>	•	
Surrogate Recovery			% Rec.	8260B	04/25/07	54
Toluene-d8	99.0		% Rec.	8260B	04/25/07	54
Dibromofluoromethane	87.1		% Rec.	8260B	04/25/07	54
4-Bromofluorobenzene	101.		t REC.	02000	•	-
_	BDL	30.	mg/kg	8015AZ	04/26/07	1
C10-C22 Hydrocarbons	BDL	50.	mg/kg	8015AZ	04/26/07	1
C22-C32 Hydrocarbons	BDL	50.	מיי וביי	<b>0 4 — — —</b>		
Polychlorinated Biphenyls			′,		04/25/07	5
PCB 1016	BDL	0.085	mg/kg	8082	04/25/07	5
PCB 1221	BDL	0.085	mg/kg	8082	04/25/0/	د
z						

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

April 27, 2007

Site ID :

ESC Sample # : L290245-16

Project # : 2187JK136

Date Received : April 24, 2007 Description : Washington Park Infrastructure

Sample ID

B5-10

Josh Kounenberg

Collected By : Josh Kouneman Date : 04/23/07 12:09

COTTECCTOR Date : 01/25/0.		Det. Limit	Units	Method	Date	Dil.
Parameter	Result	Det. Dimite	0111.04	11001100		
DCD 1030	BDL	0.085	mg/kg	8082	04/25/07	5
PCB 1232	BDL	0.085	mg/kg	8082	04/25/07	5
PCB 1242	BDL	0.085	mg/kg	8082	04/25/07	5
PCB 1248		0.085	mg/kg	8082	04/25/07	5
PCB 1254 PCB 1260	BDL BDL	0.085	mg/kg	8082	04/25/07	5
PCBs Surrogates	92.5		% Rec.	8082	04/25/07	5
Decachlorobiphenyl Tetrachloro-m-xylene	56.5		% Rec.	8082	04/25/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 04/27/07 10:01 Printed: 04/27/07 10:04

Page 32 of 48



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

Sample ID

April 27, 2007

ESC Sample # : L290245-17

Project # : 2187JK136

Date Received : April 24, 2007

Washington Park Infrastructure Description

Site ID :

B5-15

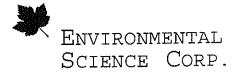
Josh Kounenberg 04/23/07 12:19 Collected By : Collection Date :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL BDL	0.085 0.085 0.085 0.085 0.085 0.085 0.085	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	04/25/07 04/25/07 04/25/07 04/25/07 04/25/07 04/25/07 04/25/07	5 5 5 5 5 5 5 5 5
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	83.6 66.7		% Rec. % Rec.	8082 8082	04/25/07 04/25/07	5 5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040 April 27, 2007

ESC Sample # : L290245-18

Project # : 2187JK136

Date Received : April 24, 2007

Description : Washington Park Infrastructure

Site ID :

Sample ID : B5-20

Collected By : Josh Kounenberg Collection Date : 04/23/07 12:26

Mercury	Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Argenic   200   0.25   mg/kg   6010B   04/25/07   1	Mercury	BDL	0.020	mg/kg	7471	04/25/07	1
Barium   BDL   0.25   mg/kg   6010B   04/25/07   1   Cadmium   6.9   0.50   mg/kg   6010B   04/25/07   1   Cadmium   6.9   0.50   mg/kg   6010B   04/25/07   1   Chromium   5.5   1.2   mg/kg   6010B   04/25/07   5   Selenium   BDL   5.0   mg/kg   6010B   04/25/07   5   Selenium   BDL   0.50   mg/kg   3260B   04/25/07   5   Selenium   BDL   0.53   mg/kg   3260B   04/25/07   5   Selenium   BDL   0.53   mg/kg   3260B   04/25/07   5   Selenium   BDL   0.053   mg/kg   3260B   04/25	3	6.9	1.0	mg/kg	6010B	04/25/07	1
Description   Description	- —				6010B	04/25/07	1
Chromium 5.5 1.2 mg/kg 6010B 04/25/07 1   Lead 5.5 1.2 mg/kg 6010B 04/25/07 5   Selenium BDL 5.0 mg/kg 6010B 04/25/07 5   Selenium BDL 5.0 mg/kg 6010B 04/25/07 5   Selenium BDL 0.50 mg/kg 6010B 04/25/07 5   Selenium BDL 0.50 mg/kg 6010B 04/25/07 1    Volatile Organics   Acetone BDL 2.6 mg/kg 8260B 04/25/07 53   Acetone BDL 0.53 mg/kg 8260B 04/25/07 53   Benzene BDL 0.53 mg/kg 8260B 04/25/07 53   Benzene BDL 0.053 mg/kg 8260B 04/25/07 53   Bromodenzene BDL 0.053 mg/kg 8260B 04/25/07 53   Bromodenzene BDL 0.053 mg/kg 8260B 04/25/07 53   Bromodenzene BDL 0.053 mg/kg 8260B 04/25/07 53   Bromoform BDL 0.053 mg/kg 8260B 04/25/07 53   Bromodenzene BDL 0.053 mg/kg 8260B 04/25/07 53   Bromothane BDL 0.053 mg/kg 8260B 04/25/07 53   Bromothane BDL 0.053 mg/kg 8260B 04/25/07 53   Bromothane BDL 0.053 mg/kg 8260B 04/25/07 53   Bromothane BDL 0.053 mg/kg 8260B 04/25/07 53   Carbon tetrachloride BDL 0.053 mg/kg 8260B 04/25/07 53   Carbon tetrachloride BDL 0.053 mg/kg 8260B 04/25/07 53   Carbon tetrachloride BDL 0.053 mg/kg 8260B 04/25/07 53   Chlorothenzene BDL 0.053 mg/kg 8260B 04/25/07 53   Chlorothenzene BDL 0.053 mg/kg 8260B 04/25/07 53   Chlorothonzene BDL 0.053 mg/kg 8260B 04/25/07 53   Chlorothyvinyl ether BDL 0.053 mg/kg 8260B 04/25/07 53   Chlorothyvinyl ether BDL 0.053 mg/kg 8260B 04/25/07 53   Chlorothyvinyl ether BDL 0.053 mg/kg 8260B 04/25/07 53   Chlorothyvinyl ether BDL 0.053 mg/kg 8260B 04/25/07 53   Chlorothyvinyl ether BDL 0.053 mg/kg 8260B 04/25/07 53   Chlorothyvinyl ether BDL 0.053 mg/kg 8260B 04/25/07 53   Chlorothyvinyl ether BDL 0.053 mg/kg 8260B 04/25/07 53   Chlorothyvinyl ether BDL 0.053 mg/kg 8260B 04/25/07 53   Chlorothane BDL 0.053 mg/kg 8260B 04/25/07 53   Chlorothyvinyl ether BDL 0.053 mg/kg 8260B 04/25/07 53   Chlorothyvinyl ether BDL 0.053 mg/kg 8260B 04/25/07 53   Chlorothyvinyl ether BDL 0.053 mg/kg 8260B 04/25/07 53   Chlorothyvinyl ether BDL 0.053 mg/kg 8260B 04/25/07 53   Chlorothyvinyl ether BDL 0.053 mg/kg 8260B 04/25/07 53   Chlorothyvinyl ether BDL 0.053 mg/kg 8260B 04/25/07 53   Chl					6010B	04/25/07	1.
Lead						04/25/07	1
Lead   Selenium   Se							5
Selentum   Silver   BBL   0.50   mg/kg   6010B   04/25/07   1							5
Volatile Organics	<del>-</del> · · ·						
Acetone BDL 0.53 mg/kg 8260B 04/25/07 53 Benzene BDL 0.053 mg/kg 8260B 04/25/07 53 Bromobenzene BDL 0.053 mg/kg 8260B 04/25/07 53 Bromodichloromethane BDL 0.053 mg/kg 8260B 04/25/07 53 Bromodichloromethane BDL 0.053 mg/kg 8260B 04/25/07 53 Bromomethane BDL 0.053 mg/kg 8260B 04/25/07 53 Bromomethane BDL 0.053 mg/kg 8260B 04/25/07 53 Bromomethane BDL 0.053 mg/kg 8260B 04/25/07 53 n-Butylbenzene BDL 0.053 mg/kg 8260B 04/25/07 53 n-Butylbenzene BDL 0.053 mg/kg 8260B 04/25/07 53 sec-Butylbenzene BDL 0.053 mg/kg 8260B 04/25/07 53 sec-Butylbenzene BDL 0.053 mg/kg 8260B 04/25/07 53 carbon tetrachloride BDL 0.053 mg/kg 8260B 04/25/07 53 Carbon tetrachloride BDL 0.053 mg/kg 8260B 04/25/07 53 Chlorodibromomethane BDL 0.053 mg/kg 8260B 04/25/07 53 Chlorodibromomethane BDL 0.053 mg/kg 8260B 04/25/07 53 Chlorothane BDL 0.053 mg/kg 8260B 04/25/07 53 Chlorothane BDL 0.053 mg/kg 8260B 04/25/07 53 Chloromethane BDL 0.053 mg/kg 8260B 04/25/07 53 2-Chlorotoluene BDL 0.053 mg/kg 8260B 04/25/07 53 2-Chlorotoluene BDL 0.053 mg/kg 8260B 04/25/07 53 2-Chlorotoluene BDL 0.053 mg/kg 8260B 04/25/07 53 2-Chlorotoluene BDL 0.053 mg/kg 8260B 04/25/07 53 2-Chlorotoluene BDL 0.053 mg/kg 8260B 04/25/07 53 2-Chlorotoluene BDL 0.053 mg/kg 8260B 04/25/07 53 2-Chlorotoluene BDL 0.053 mg/kg 8260B 04/25/07 53 1,2-Dibromo-3-Chloropropane BDL 0.053 mg/kg 8260B 04/25/07 53 1,2-Dibromoethane BDL 0.053 mg/kg 8260B 04/25/07 53 1,2-Dibromoethane BDL 0.053 mg/kg 8260B 04/25/07 53 1,2-Dichlorobenzene BDL 0.053 mg/kg 8260B 04/25/07 53 1,2-Dichlorobenzene BDL 0.053 mg/kg 8260B 04/25/07 53 1,2-Dichlorobenzene BDL 0.053 mg/kg 8260B 04/25/07 53 1,2-Dichlorobenzene BDL 0.053 mg/kg 8260B 04/25/07 53 1,2-Dichlorobenzene BDL 0.053 mg/kg 8260B 04/25/07 53 1,2-Dichlorobethane BDL 0.053 mg/kg 8260B 04/25/07 53 1,1-Dichlorobethane BDL 0.053 mg/kg 8260B 04/25/07 53 1,2-Dichlorobethane BDL 0.053 mg/kg 8260B 04/25/07 53 1,2-Dichlorob	Silver	חמפ	0.50	₩ <b>9</b> / ₩9	00202	,,	
Acetone BDL 0.53 mg/kg 8260B 04/25/07 53 Benzene BDL 0.053 mg/kg 8260B 04/25/07 53 Bromobenzene BDL 0.053 mg/kg 8260B 04/25/07 53 Bromodichloromethane BDL 0.053 mg/kg 8260B 04/25/07 53 Bromodichloromethane BDL 0.053 mg/kg 8260B 04/25/07 53 Bromomethane BDL 0.053 mg/kg 8260B 04/25/07 53 Bromomethane BDL 0.053 mg/kg 8260B 04/25/07 53 Bromomethane BDL 0.053 mg/kg 8260B 04/25/07 53 n-Butylbenzene BDL 0.053 mg/kg 8260B 04/25/07 53 n-Butylbenzene BDL 0.053 mg/kg 8260B 04/25/07 53 sec-Butylbenzene BDL 0.053 mg/kg 8260B 04/25/07 53 sec-Butylbenzene BDL 0.053 mg/kg 8260B 04/25/07 53 carbon tetrachloride BDL 0.053 mg/kg 8260B 04/25/07 53 Carbon tetrachloride BDL 0.053 mg/kg 8260B 04/25/07 53 Chlorodibromomethane BDL 0.053 mg/kg 8260B 04/25/07 53 Chlorodibromomethane BDL 0.053 mg/kg 8260B 04/25/07 53 Chlorothane BDL 0.053 mg/kg 8260B 04/25/07 53 Chlorothane BDL 0.053 mg/kg 8260B 04/25/07 53 Chloromethane BDL 0.053 mg/kg 8260B 04/25/07 53 2-Chlorotoluene BDL 0.053 mg/kg 8260B 04/25/07 53 2-Chlorotoluene BDL 0.053 mg/kg 8260B 04/25/07 53 2-Chlorotoluene BDL 0.053 mg/kg 8260B 04/25/07 53 2-Chlorotoluene BDL 0.053 mg/kg 8260B 04/25/07 53 2-Chlorotoluene BDL 0.053 mg/kg 8260B 04/25/07 53 2-Chlorotoluene BDL 0.053 mg/kg 8260B 04/25/07 53 2-Chlorotoluene BDL 0.053 mg/kg 8260B 04/25/07 53 1,2-Dibromo-3-Chloropropane BDL 0.053 mg/kg 8260B 04/25/07 53 1,2-Dibromoethane BDL 0.053 mg/kg 8260B 04/25/07 53 1,2-Dibromoethane BDL 0.053 mg/kg 8260B 04/25/07 53 1,2-Dichlorobenzene BDL 0.053 mg/kg 8260B 04/25/07 53 1,2-Dichlorobenzene BDL 0.053 mg/kg 8260B 04/25/07 53 1,2-Dichlorobenzene BDL 0.053 mg/kg 8260B 04/25/07 53 1,2-Dichlorobenzene BDL 0.053 mg/kg 8260B 04/25/07 53 1,2-Dichlorobenzene BDL 0.053 mg/kg 8260B 04/25/07 53 1,2-Dichlorobethane BDL 0.053 mg/kg 8260B 04/25/07 53 1,1-Dichlorobethane BDL 0.053 mg/kg 8260B 04/25/07 53 1,2-Dichlorobethane BDL 0.053 mg/kg 8260B 04/25/07 53 1,2-Dichlorob	Volatile Organics				9260D	04/25/07	53
Actylonitrie   BDL   0.053   mg/kg   8260B   04/25/07   53							
Benzene	Acrylonitrile						
Bromobenzene   BDL   0.053   mg/kg   8260B   04/25/07   53							
Bromodichloromethane   BDL   0.053   mg/kg   8260B   04/25/07   53	Bromobenzene						
Bromoform   BDL   0.053   mg/kg   8260B   04/25/07   53     Bromomethane   BDL   0.053   mg/kg   8260B   04/25/07   53     sec_Butylbenzene   BDL   0.053   mg/kg   8260B   04/25/07   53     carbon tetrachloride   BDL   0.053   mg/kg   8260B   04/25/07   53     Carbon tetrachloride   BDL   0.053   mg/kg   8260B   04/25/07   53     Chlorodibromomethane   BDL   0.053   mg/kg   8260B   04/25/07   53     Chlorodibromomethane   BDL   0.053   mg/kg   8260B   04/25/07   53     Chlorotethane   BDL   0.053   mg/kg   8260B   04/25/07   53     Chlorotethyl vinyl ether   BDL   0.26   mg/kg   8260B   04/25/07   53     Chlorotethane   BDL   0.053   mg/kg   8260B   04/25/07   53     Chlorotethane   BDL   0.053   mg/kg   8260B   04/25/07   53     Chlorotoluene   BDL   0.053   mg/kg   8260B   04/25/07   53     4-Chlorotoluene   BDL   0.053   mg/kg   8260B   04/25/07   53     4-Chlorotoluene   BDL   0.053   mg/kg   8260B   04/25/07   53     4-Chlorotoluene   BDL   0.053   mg/kg   8260B   04/25/07   53     1,2-Dibromoethane   BDL   0.053   mg/kg   8260B   04/25/07   53     1,2-Dibromoethane   BDL   0.053   mg/kg   8260B   04/25/07   53     1,3-Dichlorobenzene   BDL   0.053   mg/kg   8260B   04/25/07   53     1,3-Dichlorobenzene   BDL   0.053   mg/kg   8260B   04/25/07   53     1,4-Dichlorobenzene   BDL   0.053   mg/kg   8260B   04/25/07   53     1,1-Dichloroethane   BDL   0.053   mg/kg   8260B   04/25/07   53     1,1-Dichloroethane   BDL   0.053   mg/kg   8260B   04/25/07   53     1,1-Dichloroethane   BDL   0.053   mg/kg   8260B   04/25/07   53     1,2-Dichloroethane   BDL   0.053   mg/kg   8260B   04/25/07   53     1,2-Dichloro	Bromodichloromethane						
Bromomethane							
n-Butylbenzene BDL 0.053 mg/kg 8260B 04/25/07 53 sec-Butylbenzene BDL 0.053 mg/kg 8260B 04/25/07 53 sec-BDL 0.054 mg/kg 8260B 04/25/07 53 sec-BDL 0.054 mg/kg 8260B 04/25/07 53 sec-BDL 0.055 mg/kg 8260B 04/25/07 53 sec-BDL		BDL					
sec-Butylbenzene         BDL         0.053         mg/kg         8260B         04/25/07         53           tert-Butylbenzene         BDL         0.053         mg/kg         8260B         04/25/07         53           carbon tetrachloride         BDL         0.053         mg/kg         8260B         04/25/07         53           Chlorobenzene         BDL         0.053         mg/kg         8260B         04/25/07         53           Chlorodibromomethane         BDL         0.053         mg/kg         8260B         04/25/07         53           Chlorotethane         BDL         0.053         mg/kg         8260B         04/25/07         53           2-Chlorotethyl vinyl ether         BDL         0.26         mg/kg         8260B         04/25/07         53           2-Chlorotethane         BDL         0.053         mg/kg         8260B         04/25/07         53           2-Chloroteluene         BDL         0.053         mg/kg         8260B         04/25/07         53           2-Chloroteluene         BDL         0.053         mg/kg         8260B         04/25/07         53           2-Chlorotelane         BDL         0.053         mg/kg         8260B         04		$\mathtt{BDL}$					
tert-Butylbenzene         BDL         0.053         mg/kg         8260B         04/25/07         53           Carbon tetrachloride         BDL         0.053         mg/kg         8260B         04/25/07         53           Chlorobenzene         BDL         0.053         mg/kg         8260B         04/25/07         53           Chloroethane         BDL         0.053         mg/kg         8260B         04/25/07         53           Chloroethane         BDL         0.053         mg/kg         8260B         04/25/07         53           2-Chloroethyl vinyl ether         BDL         0.26         mg/kg         8260B         04/25/07         53           2-Chloroform         BDL         0.26         mg/kg         8260B         04/25/07         53           Chlorotoluene         BDL         0.053         mg/kg         8260B         04/25/07         53           2-Chlorotoluene         BDL         0.053         mg/kg         8260B         04/25/07         53           1,2-Dibromo-3-Chloropropane         BDL         0.053         mg/kg         8260B         04/25/07         53           1,2-Dibromoethane         BDL         0.053         mg/kg         8260B         04/2		BDL					
Carbon tetrachloride		BDL	0.053	mg/kg			
Chlorodibromomethane Chlorodibromomethane BDL Chlorodibromomethane BDL Chloroethane BDL D.053 BBC Chloroethane BDL D.053 BBC Chloroethyl vinyl ether BDL D.26 BBC Chloroform BDL D.26 BBC Chloromethane BBC Chloromethane BBC Chloromethane BBC Chloromethane BBC Chlorotoluene BBC D.053 BBC Chlorotoluene BBC D.053 BBC Chlorotoluene BBC D.053 BBC Chlorotoluene BBC D.053	Carbon tetrachloride	$\mathtt{BDL}$	0.053	mg/kg			
Chlorodibromomethane		BDL	0.053	mg/kg			
Chloroethane		BDL	0.053				
2-Chloroethyl vinyl ether BDL 2.6 mg/kg 8260B 04/25/07 53 Chloroform BDL 0.26 mg/kg 8260B 04/25/07 53 Chloromethane BDL 0.053 mg/kg 8260B 04/25/07 53 Chlorotoluene BDL 0.053 mg/kg 8260B 04/25/07 53 Chlorotoluene BDL 0.053 mg/kg 8260B 04/25/07 53 Chlorotoluene BDL 0.053 mg/kg 8260B 04/25/07 53 Chlorotoluene BDL 0.053 mg/kg 8260B 04/25/07 53 Chlorotoluene BDL 0.053 mg/kg 8260B 04/25/07 53 Chlorotoluene BDL 0.053 mg/kg 8260B 04/25/07 53 Chloromethane BDL 0.053 mg/kg 8260B 04/25/07 53 Chloromethane BDL 0.053 mg/kg 8260B 04/25/07 53 Chloromethane BDL 0.053 mg/kg 8260B 04/25/07 53 Chlorotoluene BDL 0.053 mg/kg 8260B 04/25/07 53 Chlorotoluene BDL 0.053 mg/kg 8260B 04/25/07 53 Chlorotoluene BDL 0.053 mg/kg 8260B 04/25/07 53 Chlorodifluoromethane BDL 0.053 mg/kg 8260B 04/25/07 53 Chlorodifluoromethane BDL 0.053 mg/kg 8260B 04/25/07 53 Chlorothane		BDL	0.053	mg/kg	8260B		
Chloroform Chloroform Chloromethane BDL D.053 mg/kg 8260B D4/25/07 53 BDL D.053 mg/kg 8260B D4/25/07 53 Chlorotoluene BDL D.053 mg/kg 8260B D4/25/07 53 BDL D.053 mg/kg 8260B D4/25/07 53 D1/2-Dibromo-3-Chloropropane BDL D.053 mg/kg 8260B D4/25/07 53 D1/2-Dibromo-3-Chloropropane BDL D.053 mg/kg 8260B D4/25/07 53 D1/2-Dibromoethane BDL D.053 mg/kg 8260B D4/25/07 53 D1/2-Dichlorobenzene BDL D.053 mg/kg 8260B D4/25/07 53 D1/2-Dichlorobenzene BDL D.053 mg/kg 8260B D4/25/07 53 D1/2-Dichlorobenzene BDL D.053 mg/kg 8260B D4/25/07 53 D1/4-Dichlorobenzene BDL D.053 mg/kg 8260B D4/25/07 53 D1/4-Dichlorobenzene BDL D.053 mg/kg 8260B D4/25/07 53 D1/4-Dichloroethane BDL D.053 mg/kg 8260B D4/25/07 53 D1/2-Dichloroethane BDL D.053 mg/kg 8260B D4/25/07 53 D1/2-Dichloroethene BDL D.053 mg/kg 8260B D4/25/07 53 D1/2-Dichloroethene BDL D.053 mg/kg 8260B D4/25/07 53 D1/2-Dichloroethene BDL D.053 mg/kg 8260B D4/25/07 53 D1/2-Dichloroethene BDL D.053 mg/kg 8260B D4/25/07 53 D1/2-Dichloroethene BDL D.053 mg/kg 8260B D4/25/07 53 D1/2-Dichloroethene BDL D.053 mg/kg 8260B D4/25/07 53 D1/2-Dichloroethene BDL D.053 mg/kg 8260B D4/25/07 53 D1/2-Dichloroethene BDL D.053 mg/kg 8260B D4/25/07 53 D1/2-Dichloroethene BDL D.053 mg/kg 8260B D4/25/07 53 D1/2-Dichloroethene BDL D.053 mg/kg 8260B D4/25/07 53 D1/2-Dichloroethene BDL D.053 mg/kg 8260B D4/25/07 53 D1/2-Dichloroethene BDL D.053 mg/kg 8260B D4/25/07 53 D1/2-Dichloroethene BDL D.053 mg/kg 8260B D4/25/07 53 D1/2-Dichloroethene BDL D.053 mg/kg 8260B D4/25/07 53 D1/2-Dichloroethene BDL D.053 mg/kg 8260B D4/25/07 53 D1/2-Dichloropropane			2.6		8260B		
Chlorotechane Chlorotechane Chloromethane BDL Chlorotechane BDL Ch			0.26	mg/kg	8260B	04/25/07	
Chlorotoluene 2-Chlorotoluene BDL 0.053 mg/kg 8260B 04/25/07 53 4-Chlorotoluene BDL 0.053 mg/kg 8260B 04/25/07 53 1,2-Dibromo-3-Chloropropane BDL 0.26 mg/kg 8260B 04/25/07 53 1,2-Dibromoethane BDL 0.053 mg/kg 8260B 04/25/07 53 Dibromomethane BDL 0.053 mg/kg 8260B 04/25/07 53 Dibromomethane BDL 0.053 mg/kg 8260B 04/25/07 53 Dibromomethane BDL 0.053 mg/kg 8260B 04/25/07 53 1,2-Dichlorobenzene BDL 0.053 mg/kg 8260B 04/25/07 53 1,4-Dichlorobenzene BDL 0.053 mg/kg 8260B 04/25/07 53 Dichlorodifluoromethane BDL 0.053 mg/kg 8260B 04/25/07 53 Dichlorodifluoromethane BDL 0.053 mg/kg 8260B 04/25/07 53 1,1-Dichloroethane BDL 0.053 mg/kg 8260B 04/25/07 53 1,2-Dichloroethane BDL 0.053 mg/kg 8260B 04/25/07 53 1,2-Dichloroethane BDL 0.053 mg/kg 8260B 04/25/07 53 1,2-Dichloroethene BDL 0.053 mg/kg 8260B 04/25/07 53 1,1-Dichloroethene BDL 0.053 mg/kg 8260B 04/25/07 53 1,2-Dichloroethene BDL 0.053 mg/kg 8260B 04/25/07 53 1,2-Dichloroethene BDL 0.053 mg/kg 8260B 04/25/07 53 1,2-Dichloropropane BDL 0.053 mg/kg 8260B 04/25/07 53 1,2-Dichloropropane					8260B	04/25/07	
4-Chlorotoluene BDL 0.053 mg/kg 8260B 04/25/07 53 1,2-Dibromo-3-Chloropropane BDL 0.26 mg/kg 8260B 04/25/07 53 1,2-Dibromoethane BDL 0.053 mg/kg 8260B 04/25/07 53 Dibromomethane BDL 0.053 mg/kg 8260B 04/25/07 53 1,2-Dichlorobenzene BDL 0.053 mg/kg 8260B 04/25/07 53 1,3-Dichlorobenzene BDL 0.053 mg/kg 8260B 04/25/07 53 1,4-Dichlorobenzene BDL 0.053 mg/kg 8260B 04/25/07 53 Dichlorodifluoromethane BDL 0.053 mg/kg 8260B 04/25/07 53 Dichlorodifluoromethane BDL 0.053 mg/kg 8260B 04/25/07 53 1,1-Dichloroethane BDL 0.053 mg/kg 8260B 04/25/07 53 1,1-Dichloroethane BDL 0.053 mg/kg 8260B 04/25/07 53 1,2-Dichloroethane BDL 0.053 mg/kg 8260B 04/25/07 53 1,2-Dichloroethene BDL 0.053 mg/kg 8260B 04/25/07 53 1,1-Dichloroethene BDL 0.053 mg/kg 8260B 04/25/07 53 1,2-Dichloroethene BDL 0.053 mg/kg 8260B 04/25/07 53 1,2-Dichloropropane BDL 0.053 mg/kg 8260B 04/25/07 53				mg/kg	8260B	04/25/07	53
1,2-Dibromo-3-Chloropropane BDL 0.26 mg/kg 8260B 04/25/07 53 1,2-Dibromoethane BDL 0.053 mg/kg 8260B 04/25/07 53 Dibromomethane BDL 0.0					8260B	04/25/07	53
1,2-Dibromoethane BDL 0.053 mg/kg 8260B 04/25/07 53 Dibromomethane BDL 0.053 mg/kg 8260B 04/25/07 53  1,2-Dichlorobenzene BDL 0.053 mg/kg 8260B 04/25/07 53  1,3-Dichlorobenzene BDL 0.053 mg/kg 8260B 04/25/07 53  1,4-Dichlorobenzene BDL 0.053 mg/kg 8260B 04/25/07 53  1,4-Dichlorobenzene BDL 0.053 mg/kg 8260B 04/25/07 53  Dichlorodifluoromethane BDL 0.053 mg/kg 8260B 04/25/07 53  1,1-Dichloroethane BDL 0.053 mg/kg 8260B 04/25/07 53  1,2-Dichloroethane BDL 0.053 mg/kg 8260B 04/25/07 53  1,2-Dichloroethane BDL 0.053 mg/kg 8260B 04/25/07 53  1,1-Dichloroethene BDL 0.053 mg/kg 8260B 04/25/07 53  1,1-Dichloroethene BDL 0.053 mg/kg 8260B 04/25/07 53  1,1-Dichloroethene BDL 0.053 mg/kg 8260B 04/25/07 53  1,1-Dichloroethene BDL 0.053 mg/kg 8260B 04/25/07 53  1,2-Dichloroethene BDL 0.053 mg/kg 8260B 04/25/07 53  1,2-Dichloropropane BDL 0.053 mg/kg 8260B 04/25/07 53					8260B	04/25/07	53
Dibromomethane	1,2-Dibromo-3-Curoropropane					04/25/07	53
Dibromomethane  1,2-Dichlorobenzene  1,3-Dichlorobenzene  BDL  1,4-Dichlorobenzene  BDL  1,4-Dichlorobenzene  BDL  1,4-Dichlorobenzene  BDL  1,1-Dichloroethane  BDL  1,1-Dichloroethane  BDL  1,2-Dichloroethane  BDL  1,2-Dichloroethane  BDL  1,2-Dichloroethane  BDL  1,2-Dichloroethane  BDL  1,1-Dichloroethane  BDL  1,2-Dichloroethane  BDL  1,2-Dichloroethane  BDL  1,2-Dichloroethane  BDL  1,2-Dichloroethane  BDL  1,2-Dichloroethane  BDL  1,2-Dichloroethane  BDL  1,2-Dichloropropane  BDL  1,2-Dichloropropane						04/25/07	53
1,2-Dichlorobenzene 1,3-Dichlorobenzene 2,3-Dichlorobenzene 3,4-Dichlorobenzene 3,4-Dichlorobenzene 3,4-Dichlorodifluoromethane 3,1-Dichloroethane							53
1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,1-Dichloromethane 1,1-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethene 1,1-Dic	1,2-Dichloropenzene						53
1,4-Dichlorodenzene	1,3-Dichlorobenzene						
Dichlorodifiloromethane  1,1-Dichloroethane  BDL  0.053 mg/kg 8260B  04/25/07 53  1,2-Dichloroethane  BDL  0.053 mg/kg 8260B  04/25/07 53  1,1-Dichloroethene  BDL  0.053 mg/kg 8260B  04/25/07 53  1,1-Dichloroethene  BDL  0.053 mg/kg 8260B  04/25/07 53  1,2-Dichloroethene  BDL  0.053 mg/kg 8260B  04/25/07 53  1,2-Dichloropropane  BDL  0.053 mg/kg 8260B  04/25/07 53  1,2-Dichloropropane				mg/leg			
1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene 1,1-Dichloroethene 1,1-Dichloroe							
1,2-Dichloroethane  1,1-Dichloroethene  1,1-Dichloroethene  1,2-Dichloroethene  2,2-Dichloroethene  3,2-Dichloroethene  4,2-Dichloroethene  5,2-Dichloropropane  5,3-Dichloropropane  5,3-Dichloropropane  5,3-Dichloropropane  5,3-Dichloropropane  5,3-Dichloropropane  6,0-Dichloropropane  6,0-Dichloropropane  6,0-Dichloropropane  6,0-Dichloropropane  6,0-Dichloropropane  6,0-Dichloropropane  7,1-Dichloropropane  7,1-Dichloropropane  7,1-Dichloroethane  7,1-Dichloropropane  7,1-Dichloroethane  7,1-Dichlor							
1,1-Dichloroethene BDL 0.053 mg/kg 8260B 04/25/07 53 trans-1,2-Dichloroethene BDL 0.053 mg/kg 8260B 04/25/07 53 1,2-Dichloropropane BDL 0.053 mg/kg 8260B 04/25/07 53 1,2-Dichloropropane							
trans-1,2-Dichloropethene BDL 0.053 mg/kg 8260B 04/25/07 53 1,2-Dichloropropane BDL 0.053 mg/kg 8260B 04/25/07 53	1,1-Dichloroethene						
trans-1,2-Dichloroethene BDL 0.053 mg/kg 8260B 04/25/07 53 1,2-Dichloropropane BDL 0.053 mg/kg 8260B 04/25/07 53	cis-1,2-Dichloroethene						
1,2-Dichloropropane BDL 0.053 mg/kg 8260B 04/25/07 53	trans-1,2-Dichloroethene						
		BDL	0.053	mg/kg	8260E	04/25/0/	33

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)



Tax I.D. 62-0814289

Est. 1970

## REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

April 27, 2007

ESC Sample # : L290245-18

Project # : 2187JK136

24, 2007 Date Received : April

April 24, 2007 Washington Park Infrastructure Description

Site ID :

Sample ID

Collected By : Josh Koumenberg Collection Date : 04/23/07 12:26

		Det. Limit	Units	Method	Date	Dil.
Parameter	Result	рес. Биши	OHIES	Mechod	2000	
	BDL	0.053	mg/kg	8260B	04/25/07	53
1,3-Dichloropropane	BDL	0.053	mg/kg	8260B	04/25/07	53
cis-1,3-Dichloropropene	BDL	0.053	mg/kg	8260B	04/25/07	53
trans-1,3-Dichloropropene	BDL	0.053	mg/kg	8260B	04/25/07	53
2,2-Dichloropropane		0.053	mg/kg	8260B	04/25/07	53
Di-isopropyl ether	BDL	0.053	mg/kg	8260B	04/25/07	53
Ethylbenzene	BDL		mg/kg	8260B	04/25/07	53
Hexachlorobutadiene	BDL	0.053	"MG/ NG	8260B	04/25/07	53
Isopropylbenzene	$\mathtt{BDL}$	0.053	mg/kg	8260B	04/25/07	53
p-Isopropyltoluene	BDL	0.053	mg/kg	8260B	04/25/07	53
2-Butanone (MEK)	$\mathtt{BDL}$	0.53	mg/kg		04/25/07	53
Methylene Chloride	BDL	0.26	mg/kg	8260B	04/25/07	53
4-Methyl-2-pentanone (MIBK)	$\mathtt{BDL}$	0.53	mg/kg	8260B	04/25/07	53
Methyl tert-butyl ether	$\mathtt{BDL}$	0.053	mg/kg	8260B		53
Naphthalene	$\mathtt{BDL}$	0.26	mg/kg	8260B	04/25/07	53 53
n-Propylbenzene	$\mathtt{BDL}$	0.053	mg/kg	8260B	04/25/07	
~ -	BDL	0.053	mg/kg	8260B	04/25/07	53
Styrene 1,1,1,2-Tetrachloroethane	BDL	0.053	mg/kg	8260B	04/25/07	53
1,1,1,2-lettachioroethane	BDL	0.053	mg/kg	8260B	04/25/07	53
1,1,2,2-Tetrachloroethane	BDL	0.053	mg/kg	8260B	04/25/07	53
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.053	mg/kg	8260B	04/25/07	53
Tetrachloroethene	BDL	0.26	mg/kg	8260B	04/25/07	53
Toluene	BDL	0.053	mg/kg	8260B	04/25/07	53
1,2,3-Trichlorobenzene		0.053	mg/kg	8260B	04/25/07	53
1,2,4-Trichlorobenzene	BDL	0.053	mg/kg	8260B	04/25/07	53
1,1,1-Trichloroethane	BDL	0.053	mg/kg	8260B	04/25/07	53
1,1,2-Trichloroethane	BDL		mg/kg	8260B	04/25/07	53
Trichloroethene	BDL	0.053		8260B	04/25/07	53
Trichlorofluoromethane	BDL	0.053	πg/kg	8260B	04/25/07	53
1,2,3-Trichloropropane	BDL	0.053	mg/kg		04/25/07	53
1,2,4-Trimethylbenzene	$\mathtt{BDL}$	0.053	mg/kg	8260B	04/25/07	53
1,2,3-Trimethylbenzene	$\mathtt{BDL}$	0.053	mg/kg	8260B	04/25/07	53
1,3,5-Trimethylbenzene	$\mathtt{BDL}$	0.053	mg/kg	8260B		53
Vinvl chloride	BDL	0.053	mg/kg	8260B	04/25/07	
Xylenes, Total	$\mathtt{BDL}$	0.16	mg/kg	8260B	04/25/07	53
Surrogate Recovery						
Toluene-d8	99.7		% Rec.	8260B	04/25/07	53
	81.2		% Rec.	8260B	04/25/07	53
Dibromofluoromethane	105.		% Rec.	8260B	04/25/07	53
4-Bromofluorobenzene	100.					
	BDL	30.	mg/kg	8015AZ	04/26/07	1
C10-C22 Hydrocarbons		50.	mg/kg	8015AZ	04/26/07	1
C22-C32 Hydrocarbons	BDL	٠٠٠.		~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	, ,	
Polychlorinated Biphenyls		0.005	mq/kg	8082	04/25/07	5
PCB 1016	BDL	0.085		8082	04/25/07	5
PCB 1221	BDL	0.085	mg/kg	0002	0-1/25/07	~

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

April 27, 2007

ESC Sample # : L290245-18

Date Received :

24, 2007 April

Description

Washington Park Infrastructure

Site ID :

Sample ID

B5-20

Project # : 2187JK136

Collected By :

Josh Kounenberg

Collection Date : 04/23/07 12:26

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260 PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	BDL BDL BDL BDL BDL 96.9 67.8	0.085 0.085 0.085 0.085 0.085	mg/kg mg/kg mg/kg mg/kg mg/kg % Rec. % Rec.	8082 8082 8082 8082 8082 8082	04/25/07 04/25/07 04/25/07 04/25/07 04/25/07 04/25/07	5 5 5 5 5 5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.

# Attachment A List of Analytes with QC Qualifiers

Analyte	Qualifier
Arsenic	. 0
Silver	0
Bromomethane	J4
2-Chloroethyl vinyl ether	J3 J4
trans-1,3-Dichloropropene	J4
	0
	ŏ
2-Chloroethyl vinyl ether	J3
trans-1.3-Dichloropropene	J4
1 2.3-Trimethylbenzene	J4
Bromomethane	J4
2-Chloroethyl vinyl ether	J3
trans-1,3-Dichloropropene	J4
1,2,3-Trimethylbenzene	J4
Arsenic	0
Silver	O J4
Bromomethane	J3
2-Chloroethyl vinyl etner	J4
trans-1,3-Dichloropropene	J4
	J4
Bromometnane	J3
2=Chiorograph vanyi conci	J4
1 2 3-Trimethylbenzene	J4
Arsenic	0
	0
Bromomethane	J4
2-Chloroethyl vinyl ether	J3
trans-1,3-Dichloropropene	J4 J4
	0
Silver	J4
Bromomethane	J3
2-Chloroethyl vinyl ether	J4
trans-1,3-Dichiolopropene	J4
	0
	J4
2-Chloroethyl vinyl ether	J3
trans-1,3-Dichloropropene	J4
1,2,3-Trimethylbenzene	J4
Bromomethane	<b>J</b> <u>4</u> <b>J</b> 3
2-Chloroethyl vinyl ether	J4
trans-1,3-Dichloropropene	J4
	o o
	J4
	<b>J</b> 3
trans-1.3-Dichloropropene	J4
1.2.3-Trimethylbenzene	J4
	Ō
PCB 1221	0
PCB 1232	0
PCB 1242	0
PCB 1248	0
PCB 1254	0
	Ö
	Ö
	J4
Bromometnane	J3
7-Curocostal Armil scher	J4
trans-1,3-promitoropropere	J4
	0
	Ō
	0
	0
PCB 1242	
	Arsenic Silver Bromomethane 2-Chloroethyl vinyl ether trans-1,3-Dichloropropene 1,2,3-Trimethylbenzene Arsenic Silver Bromomethane 2-Chloroethyl vinyl ether trans-1,3-Dichloropropene 1,2,3-Trimethylbenzene Bromomethane 2-Chloroethyl vinyl ether trans-1,3-Dichloropropene 1,2,3-Trimethylbenzene Arsenic Silver Bromomethane 2-Chloroethyl vinyl ether trans-1,3-Dichloropropene 1,2,3-Trimethylbenzene Bromomethane 2-Chloroethyl vinyl ether trans-1,3-Dichloropropene 1,2,3-Trimethylbenzene Bromomethane 2-Chloroethyl vinyl ether trans-1,3-Dichloropropene 1,2,3-Trimethylbenzene Silver Bromomethane 2-Chloroethyl vinyl ether trans-1,3-Dichloropropene 1,2,3-Trimethylbenzene Silver Bromomethane 2-Chloroethyl vinyl ether trans-1,3-Dichloropropene 1,2,3-Trimethylbenzene Silver Bromomethane 2-Chloroethyl vinyl ether trans-1,3-Dichloropropene 1,2,3-Trimethylbenzene Bromomethane 2-Chloroethyl vinyl ether trans-1,3-Dichloropropene 1,2,3-Trimethylbenzene Bromomethane 2-Chloroethyl vinyl ether trans-1,3-Dichloropropene 1,2,3-Trimethylbenzene Silver Bromomethane 2-Chloroethyl vinyl ether trans-1,3-Dichloropropene 1,2,3-Trimethylbenzene Silver Bromomethane 2-Chloroethyl vinyl ether trans-1,3-Dichloropropene 1,2,3-Trimethylbenzene Silver Bromomethane 2-Chloroethyl vinyl ether trans-1,3-Dichloropropene 1,2,3-Trimethylbenzene Silver Bromomethane 2-Chloroethyl vinyl ether trans-1,3-Dichloropropene 1,2,3-Trimethylbenzene Silver Bromomethane 2-Chloroethyl vinyl ether trans-1,3-Dichloropropene 1,2,3-Trimethylbenzene Silver Bromomethane 2-Chloroethyl vinyl ether trans-1,3-Dichloropropene 1,2,3-Trimethylbenzene

## Attachment A List of Analytes with QC Qualifiers

Sample #	Analyte	Qualifier
	PCB 1254 PCB 1260 Tetrachloro-m-xylene	О О J2
L290245-13	PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248	0 0 0 0 0
L290245-14	PCB 1254 PCB 1260 Arsenic Silver	0 0 0 0
	Bromomethane 2-Chloroethyl vinyl ether trans-1,3-Dichloropropene 1,2,3-Trimethylbenzene PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	J4 J3 J4 J4 O O O O
L290245-15	PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	00000
L290245-16	Bromomethane 2-Chloroethyl vinyl ether trans-1,3-Dichloropropene 1,2,3-Trimethylbenzene PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1254 PCB 1260	J4 J3 J4 O O O O O
L290245-17	PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	00000
L290245-18	Selenium Bromomethane 2-Chloroethyl vinyl ether trans-1,3-Dichloropropene 1,2,3-Trimethylbenzene PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 12560	0 J4 J3 J4 J4 O O O

#### Attachment B Explanation of QC Qualifier Codes

Qualifier	Meaning
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
0	(ESC) Sample diluted due to matrix interferences that impaired the ability to make an accurate analytical determination. The detection limit is elevated in order to reflect the necessary dilution.

### Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

#### Definitions

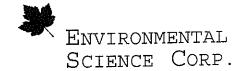
- Accuracy The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.
- Precision The agreement between a set of samples or between duplicate samples.

  Relates to how close together the results are and is represented by Relative Percent Differrence.
- Surrogate Organic compounds that are similar in chemical composition, extraction, and chromotography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

  Control Limits (AQ)

2-Fluorophenol 31-119 Nitrobenzene-d5 43-118 Dibromfluoromethane 68-128 64-125 Phenol-d5 12-134 2-Fluorobiphenyl 45-128 Toluene-d8 76-115 69-118 2,4,6-Tribromophenol 51-141 Terphenyl-d14 43-137 4-Bromofluorobenzene 79-127 61-134

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.



Tax I.D. 62-0814289

Est. 1970

stern Technologies vid Regonini 37 East Broadway Rd.

oenix, AZ 85040

Quality Assurance Report Level II

L290245

Taboratory Blank					
cury         c. 0.2         mg/kg         04/25/07 02:06         WG296924           1016         < 0.17         mg/kg         04/25/07 17:39         WG296930           1221         < 0.017         mg/kg         04/25/07 17:39         WG296930           1222         < 0.017         mg/kg         04/25/07 17:39         WG296930           1242         < 0.017         mg/kg         04/25/07 17:39         WG296930           1248         < 0.017         mg/kg         04/25/07 17:39         WG296930           1254         < 0.017         mg/kg         04/25/07 17:39         WG296930           1260         < 0.017         mg/kg         04/25/07 17:39         WG296930           enic         < 1         mg/kg         04/25/07 17:39         WG296930           enic         < 1         mg/kg         04/25/07 17:39         WG296930           enic         < 1         mg/kg         04/25/07 12:01         WG296970           ium         < 25         mg/kg         04/25/07 12:01         WG296970           omium         < 25         mg/kg         04/25/07 12:01         WG296970           enic         < 1         mg/kg         04/25/07 12:01         WG296970		La	boratory Bla	nk	- · · ·
1016	lyte	Result	Units	Date Analyzed	Batch
1016	cury	< .02	mg/kg	04/25/07 02:06	WG296924
1221	1016	< .017	mg/kg	04/25/07 17:39	
1232					
1242		< .017	mg/kg		
1248			mg/kg		
1254 1260		< .017	mg/kg		
enic		< .017		04/25/07 17:39	
enic ium		< .017	mg/kg	04/25/07 17:39	WG296930
enic ium		_	/1	04/25/07 12:01	WG296970
### ### ##############################		< 1		04/25/07 12:01	
matum	ium	< .25	mg/kg	04/25/07 12:01	
omium         < .35         mg/kg         04/25/07 12:01         WG296970           enium         < .1	mium	< .∠⊃		04/25/07 12:01	WG296970
denium	omium				
enium ver    Society   Soc	đ <sub>.</sub>			04/25/07 12:01	WG296970
Senic   Seni				04/25/07 12:01	WG296970
Senic   Seni	ver	۷.5			
ium		< 1		04/25/07 15:59	
Mium				04/25/07 15:59	
Semium   Semium   Semi   Sem			mg/kg	04/25/07 15:59	
Column   C		< .5		04/25/07 15:59	
enium ver    1		< .25		04/25/07 15:59	
Near   Near				04/25/07 15:59	
1,2-Tetrachloroethane		< .5	mg/kg	04/25/0/ 15:59	WG290970
1,2-Tetrachloroethane		001	ma/ka	04/25/07 12:55	WG297148
1-Trichloroethane	,1,2-Tetrachloroethane	< .001		04/25/07 12:55	
1.2.2-Tetrachtoroethane	,1-Trichloroethane	4 .001		04/25/07 12:55	WG297148
2-Trichloroethane	,2,2-Tetrachloroethane			04/25/07 12:55	WG297148
Dichloroethane	,2-Trichloroethane			04/25/07 12:55	WG297148
-Dichloroethene	,2-Trichioro-1,2,2-Lillidologomand			04/25/07 12:55	
-Dichloropropene				04/25/07 12:55	
1.3-Trichloropene		< .001		04/25/07 12:55	
1,3-Trichloropenzene   .001   mg/kg   04/25/07   12:55   WG297148     .3-Trichloropenzene   .001   mg/kg   04/25/07   12:55   WG297148     .3-Trimethylbenzene   .001   mg/kg   04/25/07   12:55   WG297148     .4-Trichlorobenzene   .001   mg/kg   04/25/07   12:55   WG297148     .4-Trimethylbenzene   .001   mg/kg   04/25/07   12:55   WG297148     .4-Trimethylbenzene   .001   mg/kg   04/25/07   12:55   WG297148     .4-Trimethylbenzene   .001   mg/kg   .04/25/07   .12:55   WG297148   .4-Trimethylbenzene   .001   mg/kg   .04/25/07   .12:55   WG297148   .4-Trimethylbenzene   .001   mg/kg   .04/25/07   .12:55   WG297148   .4-Trimethylbenzene   .001   mg/kg   .04/25/07   .12:55   WG297148   .4-Trimethylbenzene   .001   mg/kg   .04/25/07   .12:55   WG297148   .4-Trimethylbenzene   .001   mg/kg   .4-Trimethylbenzene   .001   mg/kg   .4-Trimethylbenzene   .001   mg/kg   .4-Trimethylbenzene   .001   mg/kg   .4-Trimethylbenzene   .001   mg/kg   .4-Trimethylbenzene   .001   mg/kg   .4-Trimethylbenzene   .001   mg/kg   .04/25/07   .12:55   .4-Trimethylbenzene   .001   mg/kg   .4-Trimethylbenzene   .001   mg/kg   .04/25/07   .12:55   .4-Trimethylbenzene   .001   .4-Trimeth	-DIGHTOTODIODene			04/25/07 12:55	
2,3-Trimethylbenzene	,3-IIICHIOLODENZENC			04/25/07 12:55	
?,4-Trichlorobenzene	,3-IIICHIOLOPIOPANC	< .001		04/25/07 12:55	
3 4 Trimethyl henzene < .001 (19/Ag 04/25/07 12:55	Trichlorobenzene	< .001		04/25/07 12:55	
	/4-Trimethylhenzene	< .001		04/25/07 12:55	
Dibromo-3-Chloropropane < .005 mg/Ag 07/25/15	-nibromo-3-Chloropropane	< .005	mg/kg	04/25/07 12:55	
)_Dibromoethane < .001 mg/kg of/as/as as as as as as as as as as as as as a				04/25/07 12:55	
Dightoroherzene < .001 mg/kg 04/25/07 12.55 mg/kg				04/25/07 12:55	
pighloroethane < .001 mg/kg 04/25/07 22.55				04/25/0/ 12:55	
3-Dichloropropage < .001 mg/kg 04/25/0/12:33 mg207140				04/25/07 12:55	
3.5-Trimethylbenzene < .001 mg/kg 04/25/07 12:55 WG297148	.5-Trimethylbenzene	< .001		04/25/07 12:55	
:-Dichlorobenzene	-Dichlorobenzene			04/25/07 12:55	
Dichloropropage					
!-Dichlorobenzene < .001 mg/kg 04/25/07 12:55 WG297148	-Dichlorobenzene		mg/kg	04/25/07 12:55	
?-Dichioropropale	-Dichloropropane			04/25/07 12:55	
3ucanone (MBN)	utanone (MEK)			04/25/07 12:55	
Chloroethyl vinyl ether Control of 125 00 1255 wg297148	hloroethyl vinyl ether			04/25/07 12:55	
Information 12.55 WG297148	hlorotoluene			04/25/07 12:55	
Information $T/\sqrt{2} = 0.4/25/\sqrt{2}$	hlorotoluene			04/25/07 12:55	
1ethyl-2-pentanone (MIBK) < .01 mg/kg 04/25/07 12:55 WG297148	ethyl-2-pentanone (MIBK)			04/25/07 12:55	
tone mg/kg 04/25/07 12:55 WG297148				04/25/07 12:55	
rylonitrile mg/kg 04/25/07 12:55 WG297148	-		_ ·	04/25/07 12:55	
12ene mg/kg 04/25/07 12:55 WG297148				04/25/07 12:55	WG297148
modenzene ma/laa 04/25/07 12:55 WG297148				04/25/07 12:55	WG297148
modichloromethane mg/kg 04/25/07 12:55 WG297148					WG297148
omoform 2.001 mg/ng 17.77	mororm		-5. 5		



Tax I.D. 62-0814289

Est. 1970

stern Technologies vid Regonini 37 East Broadway Rd.

oenix, AZ 85040

Quality Assurance Report Level II

L290245

	< .00	=	mg/kg	04/25/07	12:55	WG297148	
momethane	·						
1	Result		tory Blan Units	k Date Ana	lvzed	Batch	
lyte	144710-7				-		
bon tetrachloride	< .003		mg/kg mg/kg	04/25/07 04/25/07		WG297148 WG297148	
orobenzene orodibromomethane	< .00.		mg/kg	04/25/07		WG297148	
oroethane	< .003		mg/kg	04/25/07	12:55		
oroform	< .005		mg/kg	04/25/07		WG297148	
oromethane	< .001 < .001		mg/kg mg/kg	04/25/07 04/25/07		WG297148 WG297148	
-1,2-Dichloroethene	< .001		mg/kg	04/25/07		WG297148	
-1,3-Dichloropropene isopropyl ether	< .001		mg/kg	04/25/07		WG297148	
romomethane	< .003		mg/kg	04/25/07	12:55		
hlorodifluoromethane	< .001		mg/kg	04/25/07 04/25/07	12:55	WG297148	
ylbenzene	< .001 < .001		mg/kg mg/kg	04/25/07	12:55	WG297148 WG297148	gradual districts
achlorobutadiene propylbenzene	< .001		mg/kg	04/25/07		WG297148	
hyl tert-butyl ether	< .001	L	mg/kg	04/25/07	12:55	WG297148	
hylene Chloride	< .005		mg/kg	04/25/07			
utylbenzene	< .001		mg/kg	04/25/07 04/25/07		WG297148 WG297148	
ropylbenzene	< .001 < .005		mg/kg mg/kg	04/25/07		WG297148	18.7
hthalene sopropyltoluene	< .001		mg/kg	04/25/07		WG297148	
-Butylbenzene	< .001	-	mg/kg	04/25/07		WG297148	
rene	< .003		mg/kg	04/25/07		WG297148	•
t-Butylbenzene	< .001		mg/kg mg/kg	04/25/07 04/25/07	12:55	WG297148 WG297148	
rachloroethene	< .001		mg/kg	04/25/07	12:55	WG297148	
uene ns-1,2-Dichloroethene	< .001		mg/kg	04/25/07	12:55	WG297148	
ns-1,3-Dichloropropene	< .001		mg/kg	04/25/07	12:55	WG297148	
chloroethene	< .001		mg/kg	04/25/07			
chlorofluoromethane	< .001		mg/kg	04/25/07 04/25/07		WG297148 WG297148	
yl chloride	< .001 < .003		mg/kg mg/kg	04/25/07		WG297148	
enes, Total	V .00,5		mg/ 129	02,23,0.	10,00		
-C22 Hydrocarbons	< 4		mg/kg	04/26/07		WG297292 WG297292	
-C32 Hydrocarbons	< 50		mg/kg	04/26/07	10:10	NG231232	
			licate	555		D - 5 G	D-4-1-
lyte	Units	Result	Duplicat	te RPD	Limit	Ref Samp	Batch
cury	mg/kg	0.00	0.00	0.00	20	L290164-04	WG296924
enic	mg/kg	0.00	0.989	NA	20	L290127-44	WG296970
ium	mg/kg	13.2	14.2	7.30	20	L290127-44	WG296970
mium	mg/kg	0.00	0.0984		20	L290127-44	WG296970
omium	mg/kg	1.19	1.30	8.84 84.7	20 20	L290127-44 L290127-44	WG296970 WG296970
d	mg/kg mg/kg	6.48 0.00	16.0 0.00	0.00	20	L290127-44	WG296970
enium	mg/kg	0.00	0.00	0.00	20	L290127-44	WG296970
ver	ביי וכייי						
enic	mg/kg	28.0	32.0	13.3	20	L290281-03	WG296976
ium	mg/kg	45.2	45.0 3.00	0.443 76.0	3 20 20	L290281-03 L290281-03	WG296976 WG296976
nium	mg/kg mg/kg	6.68 17.3	18.0	3.97	20	L290281-03	WG296976
omium i	mg/kg	60.4	58.0	4.05	20	L290281-03	WG296976
anium	mg/kg	0.00	0.00	0.00	20	L290281-03	WG296976
ver	mg/kg	0.00	0.00	0.00	20	L290281-03	WG296976
	ī.⇒h	oratory (	Control Sa	mple			
lyte	Units	Known		sult	% Rec	Limit Ba	tch



Tax I.D. 62-0814289

Est. 1970

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oenix, AZ 85040

Quality Assurance Report Level II

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		12.70210				
cury	mg/kg	16.9	19.0	112.	65.1-134	WG296924
CULY						
		ratory Co Known V	ntrol Sample Val Result	% Rec	Limit	Batch
lyte	Units	KHOWH V	ai Kebait			
1260	mg/kg	.167	0.120	71.7	64-120	WG296930
.1200				04 5	70 5-120	WG296970
enic	mg/kg	161	136. 228.	84.5 90.5		WG296970
ium	mg/kg mg/kg	252 128	113.	88.3		WG296970
mium	mg/kg	69.5	63.6	91.5	78.6-121	WG296970
omium d	mg/kg	142	130.	91.5		WG296970
enium	mg/kg	64.2	57.1	88.9		WG296970 WG296970
ver	mg/kg	130	126.	96.9	23-140.2	WG290970
	mg/kg	161	150.	93.2	79.5-120	WG296976
enic	mg/kg	252	244.	96.8	82.1-117	WG296976
ium mium o erras sa arasta sasa sata saira	mg/kg	128	120.	93.8		WG296976
omium	ma/ka	69.5	63.8	91.8		WG296976 WG296976
d	mg/kg	142	138. 61.3	97.2 95.5		WG296976
enium	mg/kg mg/kg	64.2 130	117.	90.0		WG296976
ver	ilig/ kg	750	117.			
,1,2-Tetrachloroethane	mg/kg	.05	0.0542	108.	66-134	WG297148
.1-Trichloroethane	mg/kg	.05	0.0552	110.	56-142 68-122	WG297148 WG297148
,2,2-Tetrachloroethane	mg/kg	.05	0.0553 0.0540	111. 108.	69-118	WG297148
,2-Trichloroethane	mg/kg mg/kg	.05 .05	0.0557	111.	62-146	WG297148
,2-Trichloro-1,2,2-trifluoroethane -Dichloroethane	mg/kg	.05	0.0524	105.	55-133	WG297148
-Dichloroethene	mg/kg	.05	0.0529	106	65-129	WG297148
-Dichloropropene	mg/kg	.05	0.0553	111. 116.	63-130 60-149	WG297148 WG297148
,3-Trichlorobenzene	mg/kg	.05 .05	0.0581 0.0530	106.	65-137	WG297148
,3-Trichloropropane	mg/kg mg/kg	.05	0.0556	111.	60-107	WG297148
,3-Trimethylbenzene ,4-Trichlorobenzene	mg/kg	.05	0.0607	121.	59-160	WG297148
,4-Trimethylbenzene	mg/kg	.05	0.0575	115.	59-138	WG297148
-Dibromo-3-Chloropropane	mg/kg	.05	0.0530	106. 109.	51-142 64-129	WG297148 WG297148
-Dibromoethane	mg/kg mg/kg	.05 .05	0.0545 0.0566	113.	70-126	WG297148
-Dichlorobenzene	mg/kg	.05	0.0522	104.	55-139	WG297148
-Dichloroethane -Dichloropropane	mg/kg	.05	0.0526	105.	64-124	WG297148
,5-Trimethylbenzene	mg/kg	.05	0.0584	117.	66-132	WG297148 WG297148
-Dichlorobenzene	mg/kg	.05	0.0567 0.0543	113. 109.	64-139 71-122	WG297148
-Dichloropropane	mg/kg mg/kg	.05 .05	0.0553	111.	66-129	WG297148
-Dichlorobenzene	mg/kg	.05	0.0569	114.	51-149	WG297148
-Dichloropropane -utanone (MEK)	mg/kg	.25	0.251	100.	47-134	WG297148
hloroethyl vinyl ether	mg/kg	. 25	0.295	118.	44-142 64-137	WG297148 WG297148
hlorotoluene	mg/kg	.05	0.0573 0.0578	115. 116.	69-133	WG297148
hlorotoluene	mg/kg mg/kg	.05 .25	0.263	105.	55-132	WG297148
lethyl-2-pentanone (MIBK)	mg/kg	.25	0.229	91.6	49-158	WG297148
tone ylonitrile	mg/kg	.25	0.262	105.	44-126	WG297148
zene	mg/kg	.05	0.0542	108.	65-123 66-137	WG297148 WG297148
mobenzene	mg/kg	.05	0.0550 0.0519	110. 104.	67-126	WG297148
modichloromethane	mg/kg mg/kg	.05 .05	0.0545	109.	56-144	WG297148
moform	mg/kg	.05	0.0614	123.	37-117	WG297148
momethane bon tetrachloride	mg/kg	.05	0.0564	113.	61-146	WG297148
orobenzene	mg/kg	.05	0.0565	113.	68-130	WG297148
orodibromomethane	mg/kg	.05	0.0526	105. 117.	64-131 49-148	WG297148 WG297148
oroethane	mg/kg	.05 .05	0.0587 0.0497	99.3	63-125	WG297148
oroform	mg/kg mg/kg	.05	0.0565	113.	41-147	WG297148
oromethane	⊒/ 1°5	·				



Tax I.D. 62-0814289

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oenix, AZ 85040

Quality Assurance Report Level II

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-1,2-Dichloroethene	mg/kg	.05	0.0516	103.	68-121	WG297148
	Labo	oratory Contro	ol Sample			
lyte	Units	Known Val	Result	% Rec	Limit	Batch
	/1==-	. 05	0.0562	112.	69-120	WG297148
-1,3-Dichloropropene	mg/kg		0.0559	112.	58-124	WG297148
isopropyl ether	mg/kg	.05	0.0518	104.	68-122	WG297148
romomethane	mg/kg	.05	0.0560		45-139	WG297148
hlorodifluoromethane	mg/kg	.05		111.	69-124	WG297148
ylbenzene	mg/kg	.05	0.0553			
achlorobutadiene	mg/kg	.05	0.0578	116.	59-129	WG297148
propylbenzene	mg/kg	.05	0.0589	118.	69-133	WG297148
hyl tert-butyl ether	mg/kg	.05	0.0536	107.	56-132	WG297148
hylene Chloride	mg/kg	.05	0.0479	95.8	55-125	WG297148
utylbenzene	mg/kg	05	0.0615	123.	61-136	WG297148
ropylbenzene	mg/kg	.05	0.0587	117.	68-129	WG297148
hthalene	mg/kg	.05	0.0549	110.	63-146	WG297148
sopropyltoluene	mg/kg	05	0.0605	121.	64-141	WG297148
-Butylbenzene	mg/kg	.05	0.0584	117.	66-133	WG297148
rene	mg/kg	.05	0.0568	114.	68-126	WG297148
t-Butylbenzene	mg/kg	.05	0.0553	111.	64-136	WG297148
rachloroethene	ma/ka	.05	0.0551	110.	62-143	WG297148
uene	mg/kg	.05	0.0529	106.	69-120	WG297148
ns-1,2-Dichloroethene	mg/kg	.05	0.0510	102.	68-130	WG297148
ns-1,3-Dichloropropene	mg/kg	.05	0.0548	110.	51-115	WG297148
chloroethene	mg/kg	.05	0.0522	104.	70-124	WG297148
chlorofluoromethane	mg/kg	.05	0.0606	121.	46-131	WG297148
yl chloride	mg/kg	.05	0.0591	118.	49-133	WG297148
enes, Total	mg/kg	.15	0.169	113.	69-126	WG297148
A CHOO, TOUR		and the first			<b>计信息器分配</b> 值	
-C22 Hydrocarbons	mg/kg	30	28.7	95.5	50-150	WG297292
-C32 Hydrocarbons	mg/kg	30	26.7	89.1	70-130	WG297292
		v Control San	ple Duplicate			

	Laborate	ory Contro	ol Sample	Duplicat	:e		
lyte	Units	LCSD Res	Ref Res	RPD	Limit	%Rec	Batch
1260	mg/kg	0.137	0.120	13.1	20	82	WG296930
<pre>,1,2-Tetrachloroethane ,1-Trichloroethane ,2,2-Tetrachloroethane ,2-Trichloroethane ,2-Trichloro-1,2,2-trifluoroethane</pre>	mg/kg mg/kg mg/kg mg/kg mg/kg	0.0562 0.0576 0.0569 0.0562 0.0580	0.0542 0.0552 0.0553 0.0540 0.0557	3.57 4.26 2.94 3.93 4.13	16 16 16 14 17	114 112 116	WG297148 WG297148 WG297148 WG297148 WG297148
-Dichloroethane -Dichloroethene -Dichloropropene ,3-Trichlorobenzene ,3-Trichloropropane ,3-Trimethylbenzene	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	0.0550 0.0559 0.0581 0.0578 0.0531 0.0563	0.0524 0.0529 0.0553 0.0581 0.0530 0.0556	4.69 5.48 4.98 0.632 0.197 1.26	16 19 17 21 19	110 112 116 116 106 113	WG297148 WG297148 WG297148 WG297148 WG297148 WG297148
,4-Trichlorobenzene ,4-Trimethylbenzene -Dibromo-3-Chloropropane -Dibromoethane -Dichlorobenzene	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	0.0613 0.0594 0.0495 0.0570 0.0582 0.0551	0.0607 0.0575 0.0530 0.0545 0.0566 0.0522	0.915 3.23 6.79 4.34 2.73 5.45	20 15 20 23 15	123 119 99 114 116 110	WG297148 WG297148 WG297148 WG297148 WG297148 WG297148
-Dichloroethane -Dichloropropane ,5-Trimethylbenzene -Dichlorobenzene -Dichloropropane -Dichloropropane -Dichloropropane atanone (MEK) nloroethyl vinyl ether	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	0.0583 0.0606 0.0572 0.0565 0.0545 0.0594 0.265 0.226	0.05226 0.0584 0.0567 0.0543 0.0553 0.0569 0.251 0.295	10.2 3.63 0.899 4.08 1.37 4.24 5.70 26.4 4.13	1558579149	117 121 114 113 109 119 106 90	WG297148 WG297148 WG297148 WG297148 WG297148 WG297148 WG297148 WG297148 WG297148



Tax I.D. 62-0814289

Est. 1970

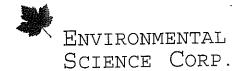
stern Technologies vid Regonini 37 East Broadway Rd.

penix, AZ 85040

Quality Assurance Report Level II

L290245

nlorotoluene	mg/kg	0.0601	0.0578	3.92	16	120	WG297148	
1101000140110		ry Contro	l Sample	Duplica	ate			
lyte	Units	LCSD Res	Ref Res	RPD	Lim:	it %Rec	Batch	
ethyl-2-pentanone (MIBK)  cone ylonitrile zene mobenzene modichloromethane moform momethane con tetrachloride crobenzene crodibromomethane croethane croethane cromethane -1,2-Dichloroethene -1,3-Dichloropropene isopropyl ether romomethane hlorodifluoromethane ylbenzene achlorobutadiene propylbenzene hyl tert-butyl ether hylene Chloride utylbenzene ropylbenzene	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	0.278 0.238 0.264 0.0572 0.0556 0.0556 0.0578 0.0578 0.0558 0.0573	0.263 0.229 0.2622 0.05519 0.05519 0.0565 0.0565 0.0565 0.0565 0.0565 0.05587 0.0565 0.0559 0.0559 0.0559 0.0559 0.0559 0.0559 0.0559	4.93 6.93 1.45 6.93 1.429 4.38 5.31 5.429 4.38 9.09 1.4.38 3.32 3.32 4.4.33 7.145 3.4 3.4 3.4 3.4 3.4 3.4 3.4 3.4 3.4 3.4	918353606664755549566658616566837774 6	111 95 106 114 115 111 109 121 116 118 112	WG297148 WG297148	
enes, Total -C22 Hydrocarbons	mg/kg mg/kg	23.7 26.1	28.7 26.7	19.1 2.49	20 20	79 87	WG297292 WG297292	
-C32 Hydrocarbons	<u>a/ ••-</u>		x Spike					
lyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
cury	mg/kg	0.251	0.00	.25	100.	70-130	L290164-04	WG296924
1260	mg/kg	0.160	0.00	.167	19.1	59-134	L290141-01	WG296930
enic ium mium omium d enium ver	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	44.3 61.1 44.8 46.0 54.6 42.0	0.989 14.2 0.0984 1.30 16.0 0.00	50 50 50 50 50 50	93.8 89.4 89.4 77.2 85.8 92.0	75-125 75-125 75-125 75-125 75-125 75-125 75-125	L290127-44 L290127-44 L290127-44 L290127-44 L290127-44 L290127-44 L290127-44	WG296970 WG296970 WG296970 WG296970 WG296970 WG296970
enic	mg/kg	77.3	32.0	10	90.6	75-125	L290281-03	WG296976



Tax I.D. 62-0814289

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oenix, AZ 85040

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		1127024	~					
		3.07	45.0	10	124.	75-125	L290281-03	WG296976
ium	mg/kg	1.07.						
		Matri	x Spike					
	Units	MS Res	Ref Res	TV	% Rec	Limit_	Ref Samp	Batch
lyte	Onites	NO REG	TOL TOU					
	mg/kg	52.3	3.00	10	98.6	75-125	L290281-03	WG296976
mium	mq/kq	65.5	18.0	10	95.0	75-125	L290281-03	WG296976
omium	mg/kg		58.0	10	104.	75-125	L290281-03	WG296976
đ <sub>j</sub>			0.00	10		75-125	L290281-03	WG296976
enium	mg/kg	53.3 48.6	0.00	10		75-125	L290281-03	WG296976
ver	mg/kg	40.0	0.00	10	3,.2	, , , , , , ,		
	/1	0 202	0.00	.05	80.9	56-123	L290293-10	WG297148
,1,2-Tetrachloroethane	mg/kg	0.202	0.00	.05	86 3	53-139	L290293-10	WG297148
,1-Trichloroethane	mg/kg	0.216	0.00	.05	77 6	37-133	L290293-10	
,2,2-Tetrachloroethane	mg/kg	0.194		.05		61-113	L290293-10	WG297148
2-Trichloroethane	mg/kg	0.214	0.00			56-115	L290293-10	WG297148
,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.203	0.00	.05	07.7	64-127	L290293-10	
-Dichloroethane	mg/kg	0.215	0.00	.05	00.0	64-126	L290293-10	WG297148
-Dichloroethene	mg/kg	0.225		05			L290293-10	WC297148
-Dichloropropene	mg/kg	0.202	0.00	.05		55-108		
,3-Trichlorobenzene	mg/kg	0.0793	0.00	.05		30-113	L290293-10	MG237140
,3-Trichloropropane	mg/kg	0.207	0.00	05		47-138	L290293-10	
,3-Trimethylbenzene	mg/kg	0.161	0.0054			42-96	L290293-10	
,4-Trichlorobenzene	mg/kg	0.0776	0.00	.05		30-104	L290293-10	
4 Turimothylhonzene	mg/kg	0.165	0.0097	.05		38-108	L290293-10	
,4-Trimethylbenzene	mg/kg	0.175	0.00	.05	70.1	39-135	L290293-10	
-Dibromo-3-Chloropropane	mg/kg	0.214	0.00	.05	85.5	57-120	L290293-10	
-Dibromoethane	mg/kg	0.132	0.00	.05	52.8	36-110	L290293-10	
-Dichlorobenzene	mg/kg	0.210	0.00	.05	84.1	46-147	L290293-10	WG297148
-Dichloroethane	mg/kg	0.209	0.00	.05		63-124	L290293-10	WG297148
-Dichloropropane	mg/kg	0.177	0.0067		68.2	39-106	L290293-10	WG297148
,5-Trimethylbenzene		0.128	0.00	.05		31-109	L290293-10	WG297148
-Dichlorobenzene	mg/kg	0.215	0.00	.05		65-116	L290293-10	
-Dichloropropane	mg/kg		0.00	.05		32-102	L290293-10	
-Dichlorobenzene	mg/kg	0.122	0.00	.05		49-138	L290293-10	
-Dichloropropane	mg/kg	0.219		.25	83 3	43-137	L290293-10	WG297148
utanone (MEK)	mg/kg	1.04	0.00	.25	65.5	40-138	L290293-10	
hloroethyl vinyl ether	mg/kg	0.824	0.00			45-111	L290293-10	
hlorotoluene	mg/kg	0.156	0.00	. 05		38-106	L290293-10	
hlorotoluene	mg/kg	0.139	0.00	.05			L290293-10	
ethyl-2-pentanone (MIBK)	mg/kg	1.19	0.00	. 25		47-133	L290293-10	
tone	mg/kg	1.26	0.00	.25	101.	33-148		
ylonitrile	mg/kg	1.20	0.00	.25	95.7		L290293-10	
zene	mg/kg	0.214	. 0 . 00	.05	85.5		L290293-10	
mobenzene	mg/kg	0.162	0.00	.05		45-116	L290293-10	
modichloromethane	mg/kg	0.194	0.00	.05		51-125	L290293-10	
moform	mg/kg	0.193	0.00	.05		44-135	L290293-10	
	mg/kg	0.263	0.00	.05	105.	30-113	L290293-10	
momethane	mg/kg	0.207	0.00	.05	82.6	47-133	L290293-10	
bon tetrachloride	mg/kg	0.191	0.00	.05	76.5	53-110	L290293-10	WG297148
orobenzene	mg/kg	0.200	0.00	.05	80.0	53-125	L290293-10	WG297148
orodibromomethane	mg/kg	0.239	0.00	.05	95.7	42-149	L290293-10	WG297148
oroethane		0.194	0.00	.05		61-127	L290293-10	WG297148
oroform	mg/kg	0.231	0.00	.05		35-140	L290293-10	WG297148
oromethane	mg/kg		0.00	.05		67-120	L290293-10	
-1,2-Dichloroethene	mg/kg	0.209		.05	79 7	53-113	L290293-10	WG297148
-1,3-Dichloropropene	mg/kg	0.195	0.00			62-119	L290293-10	WG297148
isopropyl ether	mg/kg	0.225	0.00	.05			L290293-10	WG297148
romomethane	mg/kg	0.215	0.00	.05		57-126	L290293-10	
hlorodifluoromethane	mg/kg	0.214	0.00	.05	85.6	34-140		
vlbenzene	mg/kg	0.194	0.00	.05		47-111	L290293-10	MGZ2/140
achlorobutadiene	mq/kg	0.0836	0.00	.05	33.5	30-91	L290293-10	WGZ5/148
propylbenzene	mg/kg	0.178	0.00	.05	71.2	49-110	L290293-10	WG297148
hrobathensene	mg/kg	0.229	0.00	.05		63-131	L290293-10	
hyl tert-butyl ether	mg/kg	0.205	0.00	.05	81.9	54-123	L290293-10	WG297148
hylene Chloride	mg/kg	0.114	0.00	.05		36-94	L290293-10	
utylbenzene		0.160	0.00	.05		43-101	L290293-10	
ropylbenzene	mg/kg	0.200	0.00					



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		ь2902	45					
hthalene	mg/kg	0.129	0.00	.05	51.4	33-125	L290293-10 WG297	148
Marie Control of the		M-4	de Omileo					
3	Units	MS Res	ix Spike Ref Res	TV	% Rec	Limit	Ref Samp Batch	
lyte	0117.02	110 100	NOL NOL		- 1100			
sopropyltoluene	mg/kg	0.143	0.00	. 05	_	34-105	L290293-10 WG297	
-Butylbenzene	mg/kg	0.151	0.00	.05		37-105	L290293-10 WG297	
rene	mg/kg	0.171	0.00	.05		43-107	L290293-10 WG297	
t-Butylbenzene	mg/kg	0.165	0.00	. 0.5		45-112	L290293-10 WG297 L290293-10 WG297	140 140
rachloroethene	mg/kg	0.179	0.00	.05 .05		40-114 54-109	L290293-10 WG297	
iene	mg/kg mg/kg	0.194 0.209	0.00	.05		58-118	L290293-10 WG297	
ns-1,2-Dichloroethene	mg/kg	0.193	0.00	.05		41-107	L290293-10 WG297	
ns-1,3-Dichloropropene	mg/kg	0.189	0.00	.05		56-119	L290293-10 WG297	
chlorofluoromethane	mg/kg	0.222	0.00	.05		39-126	L290293-10 WG297	148
yl chloride	mg/kg	0.241	0.00	.05		39-127	L290293-10 WG297	
enes, Total	mg/kg	0.593	0.00	.15	79.1	51-107	L290293-10 WG297	148
			dan in Samuela die					
			ike Duplio Ref Res	RPD	T.i mi	it %Rec	Ref Samp Batc	h
lyte	Unics	MSD Res	KET KES	KFD.	77 7 11(7	16 01600	Tita Danie Date.	
pury de peu a de la company de	mg/kg	0.248	0.251	1.20	20	99.2	L290164-04 WG29	6924
1260	mg/kg	0.167	0.160	4.46	20	20.0	L290141-01 WG29	6930
		40.7	44.3	1.36	20	85.4	L290127-44 WG29	6970
enic	mg/kg	43.7 59.7	61.1	2.32	20	91.0	L290127-44 WG29	
ium	mg/kg mg/kg	44.1	44.8	1.57	20	88.0	L290127-44 WG29	
nium	mg/kg	45.3	46.0	1.53	20	88.0	L290127-44 WG29	6970
omium i	mg/kg	50.8	54.6	7.21	20	69.6	L290127-44 WG29	6970
anium	mg/kg	41.7		2.84	. 20	83.4	L290127-44 WG29	
ver	mg/kg	45.0	46.0	2.20	20	90.0	L290127-44 WG29	6970
	/1	75 2	77.3	2.62	20	86.6	L290281-03 WG29	6976
enic	mg/kg mg/kg	75.3 86.4	107.	21.3	20	82.8	L290281-03 WG29	
ium	mg/kg	52.2	52.3	0.191		98.4	L290281-03 WG29	
nium omium	mg/kg	60.9	65.5	7.28	20	85.8	L290281-03 WG29	6976
1	mg/kg	95.9	110.	13.7	20	75.8	L290281-03 WG29	
enium	mg/kg	49.3	53.3	7.80	20	98.6	L290281-03 WG29	
ver	mg/kg	48.9	48.6	0.615	20	97.8	L290281-03 WG29	6976
1 0 Mahwashlawaathana	mg/kg	0.246	0.202	19.4	1.8	98.2	L290293-10 WG29	7148
,1,2-Tetrachloroethane ,1-Trichloroethane	mg/kg	0.255	0.216	16.7	17	102.	L290293-10 WG29	7148
, 2, 2-Tetrachloroethane	mg/kg	0.272	0.194	33.4	14	109.	L290293-10 WG29	7148
,2-Trichloroethane	mg/kg	0.263	0.214	20.7	19	105.	L290293-10 WG29	
,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.224	0.203	10.1	20	89.7	L290293-10 WG291	
-Dichloroethane	mg/kg	0.248	0.215	14.1	16	99.1	L290293-10 WG297	
-Dichloroethene	mg/kg	0.249	0.225	10.1	20	99.5	L290293-10 WG297	
-Dichloropropene	mg/kg	0.241	0.202	17.5	21	96.5	L290293-10 WG291	
.3-Trichlorobenzene	mg/kg	0.111	0.0793	32.9	23	44.2	L290293-10 WG297	
,3-Trichloropropane	mg/kg	0.258	0.207	21.6	16	103.	L290293-10 WG297	
,3-Trimethylbenzene	mg/kg	0.192	0.161	17.6	14	74.6	L290293-10 WG297 L290293-10 WG297	7140 7140
,4-Trichlorobenzene	mg/kg	0.109	0.0776	33.8	24 23	43.7 74.0	L290293-10 WG297	
,4-Trimethylbenzene	mg/kg	0.195	0.165	16.7 37.9	24	103.	L290293-10 WG297	
-Dibromo-3-Chloropropane	mg/kg	0.257	0.175 0.214	21.4	16	105.	L290293-10 WG297	
-Dibromoethane	mg/kg	0.265 0.179	0.132	30.2	19	71.6	L290293-10 WG297	
-Dichlorobenzene	mg/kg mg/kg	0.251	0.210	17.7	14	100.	L290293-10 WG297	
-Dichloroethane	mg/kg	0.231	0.209	16.1	16	98.2	L290293-10 WG297	
·Dichloropropane	mg/kg	0.199	0.177	11.7	19	77.0	L290293-10 WG297	
.5-Trimethylbenzene .Dichlorobenzene	mg/kg	0.171	0.128	28.4	18	68.3	L290293-10 WG297	
-Dichloropropane	mq/kg	0.264	0.215	20.7	16	106.	L290293-10 WG297	
-Dichloropenzene	mg/kg	0.168	0.122	31.5	18	67.3	L290293-10 WG297	
-Dichloropropane	mg/kg	0.255	0.219	15.1	18	102.	L290293-10 WG297	7148
Droing of a facility								



Tax I.D. 62-0814289

Est. 1970

tern Technologies rid Regonini 17 East Broadway Rd.

Quality Assurance Report Level II

April 27, 2007

Matrix Spike Duplicate   Natrix Spike Duplic	penix, AZ 85040			4.5			where	21, 200,	
Matrix Spike Duplicate   Units MSD Res   Ref Res   RPD   Limit   Rec   Ref Samp   Batch	,		1,2902	45					
Matrix Spike Duplicate   Units MSD Res   Ref Res   RPD   Limit   Rec   Ref Samp   Batch		/1	1 20	1 04	28 7	21	111.	L290293-10	WG297148
Units MSD Res   Ref Res   Ref   Re	itanone (MEK)	mg/kg	1:39						<del></del>
Units MSD Res   Ref Res   Ref   Re		M:	atrix Sp	ike Duplio	cate				
Note   Note		 Units l	MSD Res	Ref Res	RPD	Limit	%Rec	Ref Samp	Batch
	Lyte								WG007140
	alamathul minul ether	mq/kq	1.46					P500000 10	WG297140
Indicator	ilorografiane							T200202-10	WG297140
thyl-2-pentanone (MIBK) ing/kg 1.22	lorotoluene							1.200222-10	WG297148
	sthyl-2-pentanone (MIBK)	mg/kg						1200202-10	WG297148
		mq/kg						1200223-10	WG297148
mg/kg 0.250 0.214 15.8 15 100. 120293-10 WG297148 nobenzene mg/kg 0.210 0.162 25.6 19 84.1 L200293-10 WG297148 nobenzene mg/kg 0.210 0.162 25.6 19 84.1 L200293-10 WG297148 nobenzene mg/kg 0.241 0.194 21.7 15 96.4 L200293-10 WG297148 nobenzene mg/kg 0.240 0.193 22.0 21 96.0 L200293-10 WG297148 nobenzene mg/kg 0.246 0.263 8.37 30 115. L200293-10 WG297148 nobenzene mg/kg 0.245 0.207 17.1 22 98.1 L200293-10 WG297148 nobenzene mg/kg 0.245 0.207 17.1 22 98.1 L200293-10 WG297148 nobenzene mg/kg 0.245 0.207 17.1 22 98.1 L200293-10 WG297148 nobenzene mg/kg 0.245 0.207 22.2 17.9 9.9 L200293-10 WG297148 nobenzene mg/kg 0.280 0.200 22.2 17.9 9.9 L200293-10 WG297148 nobenzene mg/kg 0.280 0.200 22.2 17.9 9.9 L200293-10 WG297148 nobenzene mg/kg 0.280 0.200 1.200 12.2 17.9 9.1 L200293-10 WG297148 nobenzene mg/kg 0.280 0.200 1.200 12.2 17.9 9.1 L200293-10 WG297148 nobenzene mg/kg 0.280 0.200 1.200 12.2 12.0 12.0 10.2 12.0 12.0		mg/kg						1200223-10	WG297148
Nobenzene	[	mg/kg						T.200293-10	WG297148
modichloromethane         mg/kg         0.241         0.193         22.0         21         96.0         L290293-10         WG297148           moform         mg/kg         0.286         0.263         8.37         30         115         L290293-10         WG297148           momethane         mg/kg         0.245         0.207         17.1         22         98.1         L290293-10         WG297148           probenzene         mg/kg         0.250         0.200         22         93.5         L290293-10         WG297148           proditire         mg/kg         0.250         0.200         22.1         19.9         L290293-10         WG297148           proditire         mg/kg         0.250         0.201         15.8         28         112.         L290293-10         WG297148           proditire         mg/kg         0.250         0.201         14.8         14         89.8         L290293-10         WG297148           proditire         mg/kg         0.253         0.201         14.8         14         89.8         L290293-10         WG297148           proditire         mg/kg         0.253         0.253         0.201         18.9         12         101         L290293-10 <td></td> <td>mg/kg</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1290233 10</td> <td>WG297148</td>		mg/kg						1290233 10	WG297148
moform         mg/kg         0.286         0.263         8.37         30         1.15         L290293-10         WG297148           nomethane         mg/kg         0.245         0.207         17.1         22         98.1         L290293-10         WG297148           probenzene         mg/kg         0.234         0.191         20.0         22         93.5         L290293-10         WG297148           probenzene         mg/kg         0.250         0.200         22.2         17         99.9         L290293-10         WG297148           probethane         mg/kg         0.280         0.231         14.0         19         106         L290293-10         WG297148           probethane         mg/kg         0.266         0.231         14.0         19         106         L290293-10         WG297148           promethane         mg/kg         0.253         0.209         18.9         12         101         L290293-10         WG297148           -1,3-Dichloropropene         mg/kg         0.263         0.225         15.6         20         105         L290293-10         WG297148           romomethane         mg/kg         0.263         0.225         15.8         16         101								1200203-10	WG297148
		mg/kg						1290232-10	WG297148
Son tetrachloride								1.200293-10	WG297148
	con tetrachloride	mg/kg				22	90.1	1290293-10	WG297148
Decodibromomethane						22	00 0	1290293-10	WG297148
	prodibromomethane		0.250					1,290293-10	WG297148
			0.280					1290293-10	WG297148
Dromethane		mg/kg						T-290293-10	WG297148
-1,2-Dichloroethene								T-290293-10	WG297148
-1,3-Dichloropropene	-1.2-Dichloroethene							1290293-10	WG297148
isopropyl ether	-1 3-Dichloropropene							1290293-10	WG297148
romomethane hig/kg 0.239 0.214 11.1 22 95.7 L290293-10 WG297148 hlorodifluoromethane mg/kg 0.227 0.194 15.8 20 90.8 L290293-10 WG297148 achlorobutadiene mg/kg 0.100 0.0836 17.8 22 40.0 L290293-10 WG297148 propylbenzene mg/kg 0.222 0.178 22.1 20 88.9 L290293-10 WG297148 hyl tert-butyl ether mg/kg 0.269 0.229 16.0 13 108. L290293-10 WG297148 hyl tert-butyl ether mg/kg 0.230 0.205 11.7 16 92.0 L290293-10 WG297148 hyl tert-butylenzene mg/kg 0.140 0.114 20.7 22 55.9 L290293-10 WG297148 hyl tert-butylenzene mg/kg 0.194 0.160 19.3 19 77.5 L290293-10 WG297148 hyl tert-butylenzene mg/kg 0.159 0.129 21.3 22 63.7 L290293-10 WG297148 hyl tert-butylenzene mg/kg 0.159 0.129 21.3 22 63.7 L290293-10 WG297148 hyl tert-butylenzene mg/kg 0.150 0.129 21.3 22 63.7 L290293-10 WG297148 hyl tert-butylenzene mg/kg 0.150 0.129 21.3 22 63.7 L290293-10 WG297148 hyl tert-butylenzene mg/kg 0.150 0.129 21.3 22 63.7 L290293-10 WG297148 hyl tert-butylenzene mg/kg 0.150 0.129 21.3 22 63.7 L290293-10 WG297148 hyl tert-butylenzene mg/kg 0.184 0.151 19.4 21 73.6 L290293-10 WG297148 hyl tert-butylenzene mg/kg 0.214 0.171 22.6 23 85.7 L290293-10 WG297148 hyl tert-butylenzene mg/kg 0.214 0.171 22.6 23 85.7 L290293-10 WG297148 hyl tert-butylenzene mg/kg 0.214 0.171 22.6 23 85.7 L290293-10 WG297148 hyl tert-butylenzene mg/kg 0.230 0.194 16.7 19 91.9 L290293-10 WG297148 hyl tert-butylenzene mg/kg 0.230 0.194 16.7 19 91.9 L290293-10 WG297148 hyl tert-butylenzene mg/kg 0.230 0.194 16.7 19 91.9 L290293-10 WG297148 hyl tert-butylenzene mg/kg 0.230 0.194 16.7 19 91.9 L290293-10 WG297148 hyl tert-butylenzene mg/kg 0.230 0.194 16.7 19 91.9 L290293-10 WG297148 hyl tert-butylenzene mg/kg 0.230 0.194 16.7 19 91.9 L290293-10 WG297148 hyl tert-butylenzene mg/kg 0.230 0.194 16.7 19 91.9 L290293-10 WG297148 hyl tert-butylenzene mg/kg 0.230 0.194 16.7 19 91.9 L290293-10 WG297148 hyl tert-butylenzene mg/kg 0.230 0.2	isopropyl ether							L290293-10	WG297148
Norodifluoromethane	romomethane	mg/kg						L290293-10	WG297148
ylbenzene achlorobutadiene mg/kg 0.100 0.0836 17.8 22 40.0 L290293-10 WG297148 mg/kg 0.222 0.178 22.1 20 88.9 L290293-10 WG297148 propylbenzene mg/kg 0.222 0.178 22.1 20 88.9 L290293-10 WG297148 mg/kg 0.223 0.269 0.229 16.0 13 108. L290293-10 WG297148 mg/kg 0.230 0.205 11.7 16 92.0 L290293-10 WG297148 utylbenzene mg/kg 0.140 0.114 20.7 22 55.9 L290293-10 WG297148 utylbenzene mg/kg 0.194 0.160 19.3 19 77.5 L290293-10 WG297148 mg/kg 0.194 0.160 19.3 19 77.5 L290293-10 WG297148 mg/kg 0.194 0.160 19.3 22 63.7 L290293-10 WG297148 mg/kg 0.159 0.129 21.3 22 63.7 L290293-10 WG297148 sopropyltoluene mg/kg 0.184 0.151 19.4 21 73.6 L290293-10 WG297148 mg/kg 0.184 0.151 19.4 21 73.6 L290293-10 WG297148 mg/kg 0.184 0.151 19.4 21 73.6 L290293-10 WG297148 mg/kg 0.214 0.171 22.6 23 85.7 L290293-10 WG297148 t-Butylbenzene mg/kg 0.214 0.171 22.6 23 85.7 L290293-10 WG297148 t-Butylbenzene mg/kg 0.217 0.179 18.9 21 79.2 L290293-10 WG297148 mg/kg 0.217 0.179 18.9 21 86.7 L290293-10 WG297148 ms-1,2-Dichloroethene mg/kg 0.230 0.194 16.7 19 91.9 L290293-10 WG297148 ns-1,2-Dichloroethene mg/kg 0.234 0.209 11.2 20 93.7 L290293-10 WG297148 ns-1,3-Dichloropropene mg/kg 0.236 0.193 20.0 16 94.4 L290293-10 WG297148 mg/kg 0.228 0.189 18.7 18 91.1 L290293-10 WG297148 chloroethene mg/kg 0.228 0.189 18.7 18 91.1 L290293-10 WG297148 mg/kg 0.228 0.189 18.7 18 91.1 L290293-10 WG297148 mg/kg 0.228 0.189 18.7 18 91.1 L290293-10 WG297148 mg/kg 0.2277 0.241 13.8 24 111. L290293-10 WG297148 mg/kg 0.2277 0.241 13.8 24 111. L290293-10 WG297148 mg/kg 0.277 0.241 13.8 24 111. L290293-10 WG297148 mg/kg 0.277 0.241 13.8 24 111. L290293-10 WG297148 mg/kg 0.277 0.241 13.8 19 91.7 L290293-10 WG297148 mg/kg 0.277 0.241 13.8 19 91.7 L290293-10 WG297148 mg/kg 0.277 0.241 13.8 19 91.7 L290293-10 WG297148 mg/kg 0.277 0.241 13.8 19 91.7 L290293-10 WG297148	hlorodifluoromethane							L290293-10	WG297148
achlorobutadiene propylbenzene mg/kg ny/kg	vlbenzene							L290293-10	WG297148
propylbenzene hyl tert-butyl ether hylene Chloride utylbenzene ropylbenzene mg/kg ng/kg chlorobutadiene							L290293-10	WG297148	
hyl tert-butyl ether mg/kg 0.230 0.205 11.7 16 92.0 L290293-10 WG297148 hylene Chloride mg/kg 0.230 0.205 11.7 16 92.0 L290293-10 WG297148 utylbenzene mg/kg 0.140 0.114 20.7 22 55.9 L290293-10 WG297148 ropylbenzene mg/kg 0.194 0.160 19.3 19 77.5 L290293-10 WG297148 hthalene mg/kg 0.159 0.129 21.3 22 63.7 L290293-10 WG297148 sopropyltoluene mg/kg 0.176 0.143 20.6 21 70.5 L290293-10 WG297148 rene mg/kg 0.184 0.151 19.4 21 73.6 L290293-10 WG297148 rene mg/kg 0.214 0.171 22.6 23 85.7 L290293-10 WG297148 rachloroethene mg/kg 0.217 0.179 18.9 21 79.2 L290293-10 WG297148 rene mg/kg 0.217 0.179 18.9 21 86.7 L290293-10 WG297148 rene mg/kg 0.230 0.194 16.7 19 91.9 L290293-10 WG297148 rene mg/kg 0.230 0.194 16.7 19 91.9 L290293-10 WG297148 rene mg/kg 0.234 0.209 11.2 20 93.7 L290293-10 WG297148 rene mg/kg 0.234 0.209 11.2 20 93.7 L290293-10 WG297148 rene mg/kg 0.234 0.209 11.2 20 93.7 L290293-10 WG297148 rene mg/kg 0.234 0.209 11.2 20 93.7 L290293-10 WG297148 rene mg/kg 0.234 0.209 11.2 20 93.7 L290293-10 WG297148 rene mg/kg 0.234 0.209 11.2 20 93.7 L290293-10 WG297148 rene mg/kg 0.236 0.193 20.0 16 94.4 L290293-10 WG297148 rene mg/kg 0.236 0.193 20.0 16 94.4 L290293-10 WG297148 rene mg/kg 0.236 0.193 20.0 16 94.4 L290293-10 WG297148 rene mg/kg 0.236 0.193 20.0 16 94.4 L290293-10 WG297148 rene mg/kg 0.236 0.193 20.0 16 94.4 L290293-10 WG297148 rene mg/kg 0.236 0.193 20.0 16 94.4 L290293-10 WG297148 rene mg/kg 0.259 0.222 15.5 21 104. L290293-10 WG297148 rene mg/kg 0.259 0.222 15.5 21 104. L290293-10 WG297148 rene mg/kg 0.259 0.222 15.5 21 104. L290293-10 WG297148 rene mg/kg 0.277 0.241 13.8 24 111. L290293-10 WG297148 rene mg/kg 0.277 0.241 13.8 24 111. L290293-10 WG297148 rene mg/kg 0.277 0.241 13.8 24 111. L290293-10 WG297148 rene mg/kg 0.277 0.241 13.8 24 111. L290293-10 WG297148 rene mg/kg 0.277 0.241 13.8 24 111. L290293-10 WG297148 rene mg/kg 0.277 0.241 13.8 24 111. L290293-10 WG297148 rene mg/kg 0.277 0.241 13.8 24 111. L290293-10 WG297148 rene mg/kg 0.277 0.241 13.8 24 111. L290293-10 WG297148 rene mg/kg 0.277 0.	propylbenzene	mg/kg						L290293-10	WG297148
hylene Chloride	hyl tert-butyl ether	mg/kg						L290293-10	WG297148
utylbenzene     mg/kg     0.194     0.160     19.3     19     77.5     L290293-10     WG297148       ropylbenzene     mg/kg     0.159     0.129     21.3     22     63.7     L290293-10     WG297148       sopropyltoluene     mg/kg     0.176     0.143     20.6     21     70.5     L290293-10     WG297148       -Butylbenzene     mg/kg     0.184     0.151     19.4     21     73.6     L290293-10     WG297148       rene     mg/kg     0.184     0.171     22.6     23     85.7     L290293-10     WG297148       t-Butylbenzene     mg/kg     0.198     0.165     17.9     21     79.2     L290293-10     WG297148       rachloroethene     mg/kg     0.217     0.179     18.9     21     86.7     L290293-10     WG297148       uene     mg/kg     0.230     0.194     16.7     19     91.9     L290293-10     WG297148       ns-1,2-Dichloroethene     mg/kg     0.234     0.209     11.2     20     93.7     L290293-10     WG297148       chloroethene     mg/kg     0.226     0.193     20.0     16     94.4     L290293-10     WG297148       chloroethene     mg/kg     0.259     0.222	hylene Chloride	mg/kg						L290293-10	WG297148
ropylbenzene	utvlbenzene	mg/kg					77.5	L290293-10	WG297148
hthalene	ropylbenzene	mg/kg					63.7	L290293-10	WG297148
sopropyltoluene         mg/kg         0.150         19.4         21         73.6         L290293-10         WG297148           -Butylbenzene         mg/kg         0.214         0.171         22.6         23         85.7         L290293-10         WG297148           rene         mg/kg         0.198         0.165         17.9         21         79.2         L290293-10         WG297148           rene         mg/kg         0.198         0.165         17.9         21         79.2         L290293-10         WG297148           rachloroethene         mg/kg         0.217         0.179         18.9         21         86.7         L290293-10         WG297148           uene         mg/kg         0.230         0.194         16.7         19         91.9         L290293-10         WG297148           ns-1,2-Dichloroethene         mg/kg         0.234         0.209         11.2         20         93.7         L290293-10         WG297148           ns-1,3-Dichloropropene         mg/kg         0.236         0.193         20.0         16         94.4         L290293-10         WG297148           chloroethene         mg/kg         0.228         0.189         18.7         18         91.1	hthalene	mg/kg						L290293-10	WG297148
-Butylbenzene mg/kg 0.214 0.171 22.6 23 85.7 L290293-10 WG297148 mg/kg 0.198 0.165 17.9 21 79.2 L290293-10 WG297148 mg/kg 0.198 0.165 17.9 21 79.2 L290293-10 WG297148 mg/kg 0.217 0.179 18.9 21 86.7 L290293-10 WG297148 mg/kg 0.230 0.194 16.7 19 91.9 L290293-10 WG297148 mg/kg 0.234 0.209 11.2 20 93.7 L290293-10 WG297148 ms-1,3-Dichloropethene mg/kg 0.234 0.209 11.2 20 93.7 L290293-10 WG297148 ms-1,3-Dichloropropene mg/kg 0.236 0.193 20.0 16 94.4 L290293-10 WG297148 mg/kg 0.228 0.189 18.7 18 91.1 L290293-10 WG297148 mg/kg 0.228 0.189 18.7 18 91.1 L290293-10 WG297148 mg/kg 0.259 0.222 15.5 21 104. L290293-10 WG297148 mg/kg 0.259 0.222 15.5 21 104. L290293-10 WG297148 mg/kg 0.277 0.241 13.8 24 111. L290293-10 WG297148 mg/kg 0.277 0.241 13.8 24 111. L290293-10 WG297148 mg/kg 0.277 0.241 13.8 24 111. L290293-10 WG297148 mg/kg 0.277 0.241 13.8 19 91.7 L290293-10 WG297148	sopropyltoluene	mg/kg					73.6	L290293-10	WG297148
rene t-Butylbenzene mg/kg 0.198 0.165 17.9 21 79.2 L290293-10 WG297148 rachloroethene mg/kg 0.217 0.179 18.9 21 86.7 L290293-10 WG297148 uene mg/kg 0.230 0.194 16.7 19 91.9 L290293-10 WG297148 ns-1,2-Dichloroethene mg/kg 0.234 0.209 11.2 20 93.7 L290293-10 WG297148 ns-1,3-Dichloropropene mg/kg 0.236 0.193 20.0 16 94.4 L290293-10 WG297148 chloroethene mg/kg 0.228 0.189 18.7 18 91.1 L290293-10 WG297148 chlorofluoromethane mg/kg 0.259 0.222 15.5 21 104. L290293-10 WG297148 yl chloride mg/kg 0.277 0.241 13.8 24 111. L290293-10 WG297148	-Butylbenzene							L290293-10	WG297148
t-Butylbenzene mg/kg 0.217 0.179 18.9 21 86.7 L290293-10 WG297148 mg/kg 0.217 0.179 18.9 21 86.7 L290293-10 WG297148 uene mg/kg 0.230 0.194 16.7 19 91.9 L290293-10 WG297148 ns-1,2-Dichloroethene mg/kg 0.234 0.209 11.2 20 93.7 L290293-10 WG297148 mg/kg 0.236 0.193 20.0 16 94.4 L290293-10 WG297148 chloroethene mg/kg 0.228 0.189 18.7 18 91.1 L290293-10 WG297148 chlorofluoromethane mg/kg 0.228 0.189 18.7 18 91.1 L290293-10 WG297148 chlorofluoromethane mg/kg 0.259 0.222 15.5 21 104. L290293-10 WG297148 mg/kg 0.277 0.241 13.8 24 111. L290293-10 WG297148 mg/kg 0.277 0.241 13.8 24 111. L290293-10 WG297148 mg/kg 0.277 0.241 13.8 24 111. L290293-10 WG297148	rene	mg/kg					79.2	L290293-10	WG297148
rachloroethene	t-Butylbenzene					21	86.7	L290293-10	WG297148
uene     mg/kg     0.234     0.209     11.2     20     93.7     L290293-10     WG297148       ns-1,2-Dichloroethene     mg/kg     0.234     0.193     20.0     16     94.4     L290293-10     WG297148       ns-1,3-Dichloropropene     mg/kg     0.236     0.193     20.0     16     94.4     L290293-10     WG297148       chloroethene     mg/kg     0.228     0.189     18.7     18     91.1     L290293-10     WG297148       chlorofluoromethane     mg/kg     0.259     0.222     15.5     21     104.     L290293-10     WG297148       yl chloride     mg/kg     0.277     0.241     13.8     24     111.     L290293-10     WG297148       yl chloride     mg/kg     0.277     0.241     13.8     24     111.     L290293-10     WG297148	rachloroethene					19	91.9	L290293-10	WG297148
ns-1,2-Dichloroethene	uene						93.7	L290293-10	WG297148
ns-1,3-Dichloropropene mg/kg 0.228 0.189 18.7 18 91.1 L290293-10 WG297148 chloroethene mg/kg 0.259 0.222 15.5 21 104. L290293-10 WG297148 chlorofluoromethane mg/kg 0.277 0.241 13.8 24 111. L290293-10 WG297148 vl chloride mg/kg 0.277 0.241 13.8 19 91.7 L290293-10 WG297148	ns-1,2-Dichloroethene					16	94.4	L290293-10	WG297148
chloroethene mg/kg 0.259 0.222 15.5 21 104. L290293-10 WG297148 chlorofluoromethane mg/kg 0.277 0.241 13.8 24 111. L290293-10 WG297148 vl chloride mg/kg 0.277 0.241 13.8 19 91.7 L290293-10 WG297148						18	91.1	L290293-10	.WG297148
chlorofluoromethane	chloroethene					21	104.	L290293-10	WG297148
yl chloride $\frac{mg}{h}$ 0.600 0.503 14.8 19 91.7 L290293-10 WG297148						24		L290293-10	WG297148
enes, Total mg/Ag 0.000						19	91.7	L290293-10	WG297148
	enes, Total	בא / בייי							

atch number /Run number / Sample number cross reference

WG296924: R315566: L290245-01 02 03 04 05 06 07 08 09 10 12 14 16 18 WG296970: R315600: L290245-01 02 03 04 05 06 07 08 09 10 12 14 16 18 WG296930: R315639: L290245-11 12 13 14 15 16 17 18 WG297148: R315724: L290245-01 02 03 04 05 06 07 08 09 10 12 14 16 18 WG296976: R315731: L290245-16 18 WG297292: R315833: L290245-01 02 03 04 05 06 07 08 09 10 12 14 16 18

<sup>\* \*</sup> Calculations are performed prior to rounding of reported values .



Tax I.D. 62-0814289

Est. 1970

stern Technologies vid Regonini 37 East Broadway Rd.

oenix, AZ 85040

Quality Assurance Report Level II

L290245

April 27, 2007

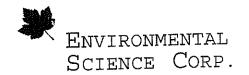
The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

Process, AZ 85	es ay Rol 1040						Vocs	TOH Ca	Total RCIO	2	and the state of t			SCIENC	Page of ONMENTAL E CORP.
1x((02) 470-1341	Client Project #	: KI <b>3</b> /0	City/Sate Collected /-	l.rowt Locuix	-us.cu	DAN_	8260	liesel and Oil	A Metals					Phone (80	ľ
Collected by: Sersh Kannadrag Collected by (signature):  And Kannadrag Cocked on Ice N Y	Rush? (L.a Sa Ne Tw Th	#: b MUST Be N me Day xt Day ro Day ree Day	200% . 100%	Date Result  Email?  FAX?	loYes	No. of Cntrs	Management of the state of the	1)8015AZR,						CoCode <sup>-</sup> Template/Prelogin Shipped Via:	(lab use only)
Sample ID  MU 13 7 - 20	Comp/Grab	Matrix*	Depth # 28	Date 4-23-07	Time // 1/08	3	X	X	X					Remarks/Contaminant	Sample # (lab only)
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D: 5	, · · · · · · · · · · · · · · · · · · ·				<i></i>	<del></del>	+								-14
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/35 - 15	a	<i>う</i> ろ	15	4-25-07		1			<u> </u>	X					-17
135 -20	4	55	20	4-2307	12:26	3	$ \lambda $	1X	X	$\times$					-18
"Matrix: SS - Soil/Solid GW - Grou	indwater <b>WW</b>	- WasteWater	DW - Drin	king Water (	OT - Other			· · · · · · ·					pl·l	Ter	
Remarks:				<b>g</b>									Flow _	Otl	ner (a)
Relinquished by: (Signature)	Date:	507 5.47	7 Regei	ved by: #8/gr	ture) «				Sar	nples ret edEx [	urned v ] Courie	/ia: □ U er □_	PS	Condition:	(lab use ofly)
Pelinquished by: (Signature)	Date:	Time:	Recei	ved by: (\$1gna	nture)				Ter	pp: 3	e I	3ottles F 46	Received	1:	
Polinquished by: (Signature)	Date	Time:	Rece	ived for lab b	y: (Signatui	re)				ite: 4 -24 -		Fime:		pH Checked:	NCF:



Tax I.D. 62-0814289

Réprésentative

Est. 1970

David Regonini Western Technologies 3737 East Broadway Rd.

Phoenix, AZ 85040

Report Summary

Wednesday May 02, 2007

Report Number: L290875 Samples Received: 04/27/07Client Project: 2187JK136

Description: Washington Park Infrastructure

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Reviewed By:

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 09227, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487 GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140 NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233 AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, WA - C1915



Tax I.D. 62-0814289

Est. 1970

## REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

May 02, 2007

ESC Sample # : L290875-01

April 27, 2007

Date Received : April 27, 2007 Description : Washington Park Infrastructure

Site ID :

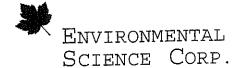
Project # : 2187JK136

Sample ID T2-2-6

Collected By : Regonini 04/26/07 09:11

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
	BDL	0.020	mg/kg	7471	04/30/07	1
Mercury						ya
	BDL	5.0	mg/kg	6010B	04/29/07	5
Arsenic	91.	0.25	mg/kg	6010B	04/29/07	1.
Barium	0.77	0.25	mg/kg	6010B	04/29/07	1
Cadmium	11.	0.50	mg/kg	6010B	04/29/07	1
Chromium	17.	1.2	mg/kg	6010B	04/29/07	5
Lead	BDL	1.0	mq/kg	6010B	04/29/07	1
Selenium	BDL	2.5	mg/kg	6010B	04/29/07	5
Silver	חתפ	2.3	5/5			
Volatile Organics		. 2.4	mg/kg	8260B	04/28/07	48.5
Acetone	BDL	0.48	mg/kg	8260B	04/28/07	48.5
Acrylonitrile	BDL		mg/kg	8260B	04/28/07	48.5
Benzene	BDL	0.048	mg/kg	8260B	04/28/07	48.5
Bromobenzene	BDL	0.048	mg/kg	8260B	04/28/07	48.5
Bromodichloromethane	BDL	0.048	mg/kg	8260B	04/28/07	48.5
Bromoform	BDL	0.048	mg/kg	8260B	04/28/07	48.5
Bromomethane	$\mathtt{BDL}$	0.24	mg/kg		04/28/07	48.5
n-Butylbenzene	$\mathtt{BDL}$	0.048	mg/kg	8260B	04/28/07	48.5
sec-Butylbenzene	$\mathtt{BDL}$	0.048	mg/kg	8260B	04/28/07	48.5
tert-Butylbenzene	$\mathtt{BDL}$	0.048	mg/kg	8260B		48.5
Carbon tetrachloride	BDL	0.048	mg/kg	8260B	04/28/07	48.5
Chlorobenzene	BDL	0.048	mg/kg	8260B	04/28/07	48.5
Culoropenzene	BDL	0.048	mg/kg	8260B	04/28/07	
Chlorodibromomethane	BDL	0.048	mg/kg	8260B	04/28/07	48.5
Chloroethane	BDL	2.4	mg/kg	8260B	04/28/07	48.5
2-Chloroethyl vinyl ether	BDL	0.24	πg/kg	8260B	04/28/07	48.5
Chloroform	BDL	0.048	mg/kg	8260B	04/28/07	48.5
Chloromethane	BDL	0.048	mg/kg	8260B	04/28/07	48.5
2-Chlorotoluene	BDL	0.048	mg/kg	8260B	04/28/07	48.5
4-Chlorotoluene	BDL	0.24	mg/kg	8260B	04/28/07	48.5
1,2-Dibromo-3-Chloropropane	BDL	0.048	mg/kg	8260B	04/28/07	48.5
1,2-Dibromoethane	BDL	0.048	mg/kg	8260B	04/28/07	48.5
Dibromomethane		0.048	mg/kg	8260B	04/28/07	48.5
1.2-Dichlorobenzene	BDL		mg/kg	8260B	04/28/07	48.5
1,3-Dichlorobenzene	BDL	0.048		8260B	04/28/07	48.5
1 4-Dichlorobenzene	BDL	0.048	mg/kg	8260B	04/28/07	48.5
Dichlorodifluoromethane	$\mathtt{BDL}$	0.048	mg/kg	8260B	04/28/07	48.5
1,1-Dichloroethane	BDL	0.048	mg/kg		04/28/07	48.5
1,2-Dichloroethane	$\mathtt{BDL}$	0.048	mg/kg	8260B	04/28/07	48.5
1,1-Dichloroethene	BDL	0.048	mg/kg	8260B	04/28/07	48.5
cis-1,2-Dichloroethene	BDL	0.048	mg/kg	8260B		48.5
trans-1,2-Dichloroethene	BDL	0.048	mg/kg	8260B	04/28/07	
Erans-1,2-Dichiologenene	BDL	0.048	mg/kg	8260B	04/28/07	48.5
1,2-Dichloropropane	BDL	0.048	mg/kg	8260B	04/28/07	48.5
1,1-Dichloropropene	مند صدرت					

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
L290875-01 (V8260) - Cannot run lower, client sent only MeOH vial.



Tax I.D. 62-0814289

Est. 1970

## REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040 May 02, 2007

Site ID :

ESC Sample # : L290875-01

Project # : 2187JK136

Date Received : April 27, 2007 Description : Washington Park Infrastructure

Sample ID

T2-2-6

Collected By : Regonini Collection Date : 04/26/07 09:11

	Result	Det. Limit	Units	Method	Date	Dil.
Parameter	100020				/ /	
1,3-Dichloropropane	$\mathtt{BDL}$	0.048	mg/kg	8260B	04/28/07	48.5
cis-1,3-Dichloropropene	$\mathtt{BDL}$	0.048	mg/kg	8260B	04/28/07	48.5 48.5
trans-1,3-Dichloropropene	$\mathtt{BDL}$	0.048	mg/kg	8260B	04/28/07	
2,2-Dichloropropane	$\mathtt{BDL}$	0.048	mg/kg	8260B	04/28/07	48.5
Di-isopropyl ether	BDL	0.048	mg/kg	8260B	04/28/07	48.5
Ethylbenzene	BDL	0.048	mg/kg	8260B	04/28/07	48.5
Hexachlorobutadiene	BDL	0.048	mg/kg	8260B	04/28/07	48.5
Isopropylbenzene	BDL	0.048	mg/kg	8260B	04/28/07	48.5
p-Isopropyltoluene	BDL	0.048	mg/kg	8260B	04/28/07	48.5
p-isopropyicoidene	BDL	0.48	mg/kg	8260B	04/28/07	48.5
2-Butanone (MEK)	BDL	0.24	mg/kg	8260B	04/28/07	48.5
Methylene Chloride 4-Methyl-2-pentanone (MIBK)	BDL	0.48	mg/kg	8260B	04/28/07	48.5
Methyl tert-butyl ether	BDL	0.048	mg/kg	8260B	04/28/07	48.5
	BDL	0.24	mg/kg	8260B	04/28/07	48.5
Naphthalene	BDL	0.048	mq/kg	8260B	04/28/07	48.5
n-Propylbenzene	BDL	0.048	mg/kg	8260B	04/28/07	48.5
Styrene	BDL	0.048	mg/kg	8260B	04/28/07	48.5
1,1,1,2-Tetrachloroethane	BDL	0.048	mg/kg	8260B	04/28/07	48.5
1,1,2,2-Tetrachloroethane	BDL	0.048	mg/kg	8260B	04/28/07	48.5
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.048	mg/kg	8260B	04/28/07	48.5
Tetrachloroethene	BDL	0.24	mg/kg	8260B	04/28/07	48.5
Toluene	BDL	0.048	mg/kg	8260B	04/28/07	48.5
1,2,3-Trichlorobenzene	BDL	0.048	mg/kg	8260B	04/28/07	48.5
1,2,4-Trichlorobenzene	BDL	0.048	mg/kg	8260B	04/28/07	48.5
1,1,1-Trichloroethane	BDL:	0.048	mg/kg	8260B	04/28/07	48.5
1,1,2-Trichloroethane	BDL	0.048	mg/kg	8260B	04/28/07	48.5
Trichloroethene	BDL	0.048	mg/kg	8260B	04/28/07	48.5
Trichlorofluoromethane		0.048	mg/kg	8260B	04/28/07	48.5
1,2,3-Trichloropropane	BDL	0.048	mg/kg	8260B	04/28/07	48.5
1,2,4-Trimethylbenzene	BDL	0.048	mg/kg	8260B	04/28/07	48.5
1,2,3-Trimethylbenzene	BDL	0.048	mg/kg	8260B	04/28/07	48.5
1,3,5-Trimethylbenzene	BDL	0.048	mg/kg	8260B	04/28/07	48.5
Vinyl chloride	BDL	0.048	mg/kg	8260B	04/28/07	48.5
Xylenes, Total	$\mathtt{BDL}$	0.14	iig/ xg	0200D	01,00,0	
Surrogate Recovery			% Rec.	8260B	04/28/07	48.5
Toluene-d8	96.0		% Rec.	8260B	04/28/07	48.5
Dibromofluoromethane	100.			8260B	04/28/07	48.5
4-Bromofluorobenzene	91.5		% Rec.	02000	04/20/07	40.5
	99.	30.	ma/ka	8015AZ	05/01/07	1
Cl0-C22 Hydrocarbons	110	50.	mg/kg	8015AZ	05/01/07	1
C22-C32 Hydrocarbons	770	20.	J			
Polychlorinated Biphenyls			15	0000	05/01/07	250
PCB 1016	BDL	4.2	mg/kg	8082	05/01/07	250
PCB 1221	BDL	4.2	mg/kg	8082	02/01/07	200
10						

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL) L290875-01 (V8260) - Cannot run lower, client sent only MeOH vial.



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040 May 02, 2007

Site ID :

ESC Sample # : L290875-01

April Date Received

Description

27, 2007

Washington Park Infrastructure

Sample ID

T2-2-6

Collected By : Regonini Collection Date : 04/26/07 09:11

Project # : 2187JK136

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260 PCBS Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	BDL BDL BDL 78. 0.00	4.2 4.2 4.2 4.2 4.2	mg/kg mg/kg mg/kg mg/kg mg/kg % Rec.	8082 8082 8082 8082 8082 8082	05/01/07 05/01/07 05/01/07 05/01/07 05/01/07 05/01/07	250 250 250 250 250 250 250

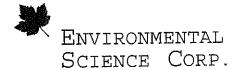
BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 05/02/07 15:23 Printed: 05/02/07 15:25 L290875-01 (V8260) - Cannot run lower, client sent only MeOH vial.



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

May 02, 2007

Site ID :

Project # : 2187JK136

ESC Sample # : L290875-02

Date Received :

April 27, 2007

Description

Washington Park Infrastructure

Sample ID

Collected By : Regonini Collection Date : 04/26/07 09:31

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL 28.	1.7 1.7 1.7 1.7 1.7 1.7	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	05/01/07 05/01/07 05/01/07 05/01/07 05/01/07 05/01/07	100 100 100 100 100 100
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	0.00		% Rec. % Rec.	8082 8082	05/01/07 05/01/07	100 100

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 05/02/07 15:23 Printed: 05/02/07 15:25

# Attachment A List of Analytes with QC Qualifiers

Sample #	Analyte	Qualifier
L290875-01	Arsenic Lead Silver Bromomethane Decachlorobiphenyl Tetrachloro-m-xylene	О J3 О J4 J7 J7
L290875-02	Decachlorobiphenyl Tetrachloro-m-xylene	J7 J7
L290875-03 L290875-04 L290875-05	Bromomethane 2-Chloroethyl vinyl ether 2-Chloroethyl vinyl ether	J4 J4J3 J4J3

## Attachment B Explanation of QC Qualifier Codes

Qualifier	Meaning
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
J7	Surrogate recovery limits cannot be evaluated; surrogates were diluted out
0	(ESC) Sample diluted due to matrix interferences that impaired the ability to make an accurate analytical determination. The detection limit is elevated in order to reflect the necessary dilution.

# Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

#### Definitions

- Accuracy The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.
- Precision The agreement between a set of samples or between duplicate samples.

  Relates to how close together the results are and is represented by Relative Percent Difference.
- Surrogate Organic compounds that are similar in chemical composition, extraction, and chromotography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

  Control Limits (AQ)
- Control Limits (AQ) (SS)

  2-Fluorophenol 31-119 Nitrobenzene-d5 43-118 Dibromfluoromethane 68-128 64-125

  Phenol-d5 12-134 2-Fluorobiphenyl 45-128 Toluene-d8 76-115 69-118

  2,4,6-Tribromophenol 51-141 Terphenyl-d14 43-137 4-Bromofluorobenzene 79-127 61-134
- TIC Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.



Tax I.D. 62-0814289

Est. 1970

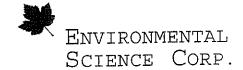
stern Technologies vid Regonini 37 East Broadway Rd.

oenix, AZ 85040

Quality Assurance Report Level II

L290875

			LWAR LWART	
	m *.	Laboratory Bla	ank	Batch
lyte	Result	Units	Date Analyzed	Bacch
	< 1	mq/kg	04/29/07 01:08	WG297537
enic	< .25	mg/kg	04/29/07 01:08	WG297537
ium	< .25	mg/kg	04/29/07 01:08	WG297537
miųm	< .5	mg/kg		WG297537
omium He had been a second	< .25	mg/kg	04/29/07 01:08	WG297537
d .	< 1	mg/kg	04/29/07 01:08	WG297537
enium	< .5	mg/kg		
ver-	` .5			
,1,2-Tetrachloroethane	< .001	mg/kg	04/28/07 05:40	WG297609
,1-Trichloroethane	< .001	mg/kg	04/28/07 05:40	WG297609
2 2-Tetrachloroethane	0.01	m~ / lect	04/28/07 05:40	WG297609
,1-Trichloroethane ,2,2-Tetrachloroethane ,2-Trichloroethane	< .001	mg/kg	04/28/07 05:40	WG297609
2-Trichloro-1,2,2-trifluoroethane	< .001	πg/kg	04/28/07 05:40	WG297609
-Dichloroethane	< .001	mg/kg	04/28/07 05:40	WG297609
,2,2-Tetrachloroethane ,2-Trichloroethane ,2-Trichloroethane ,2-Trichloroethane -Dichloroethane -Dichloropthane -Dichloropropene ,3-Trichlorobenzene ,3-Trichloropropane ,3-Trimethylbenzene ,4-Trimethylbenzene ,4-Trimethylbenzene -Dibromo-3-Chloropropane -Dibromoethane -Dichlorobenzene	< .001	mg/kg	04/28/07 05:40	WG297609
-Dichloropropene	< .001	mg/kg	04/28/07 05:40	
3-Trichlorobenzene	< .001	mg/kg	04/28/07 05:40	WG297609
3-Trichloropropane	< .001	mg/kg	04/28/07 05:40	WG297609
,3-Trichlorobenzene ,3-Trichloropropane ,3-Trimethylbenzene	< .001	mg/kg	04/28/07 05:40	
,4-Trichlorobenzene	< .001	mg/kg	04/28/07 05:40	WG297609
,4-Trimethylbenzene -Dibromo-3-Chloropropane	< .001	mg/kg	04/28/07 05:40	WG297609
-Dibromo-3-Chloropropane	< .005	mg/kg	04/28/07 05:40	WG297609
-Dibromoethane	< .001	mg/kg	04/28/07 05:40	WG297609
-Dichlorobenzene	< .001	mg/kg	04/28/07 05:40	WG297609
-Dichloroethane	< .001		04/28/07 05:40	
-Dichloropropane	< .001	mg/kg	04/28/07 05:40	WG297609
E Erimothylhonzene	< .001	mg/kg	04/28/07 05:40	WG297609
-Dichlorobenzene	< .001	mg/kg	04/28/07 05:40	WG297609
-Dichloropropane	< .001	mg/kg	04/28/07 05:40	WG297609
-Dichlorobenzene	< .001	mg/kg	04/28/07 05:40	WG297609
-Dichloropropane	< .001	mg/kg	04/28/07 05:40	WG297609
utanone (MEK)	< .01	mg/kg	04/28/07 05:40	WG297609
hloroethyl vinyl ether	< .001	mg/kg	04/28/07 05:40	WG297609
hlorotoluene	< .001	mg/kg	04/28/07 05:40	
hlorotoluene	< .001	mg/kg	04/28/07 05:40	WG297609
ethyl-2-pentanone (MIBK)	< .01	mg/kg	04/28/07 05:40	WG297609
tone	< .05	mg/kg	04/28/07 05:40	
ylonitrile	< .01	mg/kg	04/28/07 05:40	WG297609
zene	< .001	mg/kg	04/28/07 05:40	WG297609
mobenzene	< .001	mg/kg	04/28/07 05:40	WG297609
modichloromethane	< .001	mg/kg	04/28/07 05:40	WG297609
moform	< .001	mg/kg	04/28/07 05:40	WG297609
momethane	< .005	mg/kg	04/28/07 05:40	WG297609
bon tetrachloride	< .001	mg/kg	04/28/07 05:40	WG297609
orobenzene	< .001	mg/kg	04/28/07 05:40	WG297609
orodibromomethane	< .001	mg/kg	04/28/07 05:40	WG297609
oroethane	< .001	mg/kg	04/28/07 05:40	WG297609
oroform	< .005	mg/kg	04/28/07 05:40	WG297609
oromethane	< .001	mg/kg	04/28/07 05:40	WG297609
-1,2-Dichloroethene	< .001	mg/kg	04/28/07 05:40	WG297609
-1,3-Dichloropropene	< .001	mg/kg	04/28/07 05:40	WG297609
isopropyl ether	< .001	mg/kg	04/28/07 05:40	WG297609
romomethane	< .001	mg/kg	04/28/07 05:40	WG297609
hlorodifluoromethane	< .001	mg/kg	04/28/07 05:40	WG297609
vlbenzene	< .001	mg/kg	04/28/07 05:40	WG297609
achlorobutadiene	< .001	mg/kg	04/28/07 05:40	WG297609
propylbenzene	< .001	mg/kg	04/28/07 05:40	WG297609
hyl tert-butyl ether	< .001	mg/kg	04/28/07 05:40	WG297609
hylene Chloride	< .005	mg/kg	04/28/07 05:40	WG297609
utylbenzene	< .001	mg/kg	04/28/07 05:40	WG297609
~~/ == === ====				



Tax I.D. 62-0814289

Est. 1970

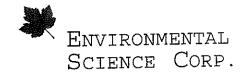
stern Technologies vid Regonini 37 East Broadway Rd.

oenix, AZ 85040

Quality Assurance Report Level II

L290875

22	< .001	mg/kg	04/28/07 05:40	WG297609	
ropylbenzene					
		aboratory Bla Units	nk Date Analyzed	Batch	
<u>lyte</u>	Result	0112.03	Date intary sea		··· · · · · · · · · · · · · · · · · ·
hthalene	< .005	mg/kg	04/28/07 05:40	WG297609	
sopropyltoluene	< .001	mg/kg	04/28/07 05:40	WG297609	
-Butylbenzene	< .001	mg/kg	04/28/07 05:40	WG297609	
rene	< .001	mg/kg	04/28/07 05:40	WG297609 WG297609	
t-Butylbenzene	< .001	mg/kg	04/28/07 05:40 04/28/07 05:40	WG297609	
rachloroethene	< .001	mg/kg mg/kg	04/28/07 05:40	WG297609	
uene	< .005 < .001	mg/kg	04/28/07 05:40	WG297609	
ns-1,2-Dichloroethene	< .001	mg/kg	04/28/07 05:40	WG297609	
ns-1,3-Dichloropropene	< .001	mg/kg	04/28/07 05:40	WG297609	
chloroethene chlorofluoromethane	< .001	mg/kg	04/28/07 05:40	WG297609	
yl chloride	< .001	mg/kg	04/28/07 05:40	WG297609	
enes, Total	< .003	mg/kg	04/28/07 05:40	WG297609	
	< .017	mg/kg	04/30/07 12:06	WG297614	
1016	< .017	mg/kg	04/30/07 12:06	WG297614	
1221	< .017	mg/kg	04/30/07 12:06	WG297614	
1232	< .017	mg/kg	04/30/07 12:06	WG297614	
1242 1248	< .017	mg/kg	04/30/07 12:06	WG297614	
1254	< .017	mg/kg	04/30/07 12:06	WG297614	
1260	< .017	mg/kg	04/30/07 12:06	WG297614	
ann Marker and ann	< 30	mg/kg	04/30/07 18:52	WG297626	
-C22 Hydrocarbons -C32 Hydrocarbons	< 50	mg/kg	04/30/07 18:52	WG297626	
-C32 hydrocarbons					
,1,2-Tetrachloroethane	< .001	mg/kg	04/28/07 09:03	WG297644	
.1-Trichloroethane	< .001	mg/kg	04/28/07 09:03	WG297644 WG297644	
,2,2-Tetrachloroethane	< .001	mg/kg	04/28/07 09:03 04/28/07 09:03	WG297644	
2-Trichloroethane	< .001	mg/kg mg/kg	04/28/07 09:03	WG297644	
,2-Trichloro-1,2,2-trifluoroethane	< .001 < .001	mg/kg	04/28/07 09:03	WG297644	
-Dichloroethane	< .001	mg/kg	04/28/07 09:03	WG297644	
-Dichloroethene	< .001	mg/kg	04/28/07 09:03	WG297644	
-Dichloropropene	< .001	mg/kg	04/28/07 09:03	WG297644	
,3-Trichlorobenzene ,3-Trichloropropane	< .001	mg/kg	04/28/07 09:03	WG297644	
,3-Trientolopiopane ,3-Trimethylbenzene	< .001	mg/kg	04/28/07 09:03	WG297644	
,4-Trichlorobenzene	< .001	mg/kg	04/28/07 09:03	WG297644	
,4-Trimethylbenzene	< .001	mg/kg	04/28/07 09:03	WG297644	
-Dibromo-3-Chloropropane	< .005	mg/kg	04/28/07 09:03	WG297644	
-Dibromoethane	< .001	mg/kg	04/28/07 09:03	WG297644 WG297644	
-Dichlorobenzene	< .001	mg/kg	04/28/07 09:03 04/28/07 09:03	WG297644 WG297644	
-Dichloroethane	< .001	mg/kg	04/28/07 09:03	WG297644	
-Dichloropropane	< .001	mg/kg mg/kg	04/28/07 09:03	WG297644	
,5-Trimethylbenzene	< .001 < .001	mg/kg	04/28/07 09:03	WG297644	
-Dichlorobenzene	< .001	mg/kg	04/28/07 09:03	WG297644	
-Dichloropropane	< .001	mg/kg	04/28/07 09:03	WG297644	
-Dichlorobenzene	< .001	mg/kg	04/28/07 09:03	WG297644	
-Dichloropropane	< .01	mg/kg	04/28/07 09:03	WG297644	
utanone (MEK) hloroethyl vinyl ether	< .001	mg/kg	04/28/07 09:03	WG297644	
hlorotoluene	< .001	mg/kg	04/28/07 09:03	WG297644	
hlorotoluene	< .001	mg/kg	04/28/07 09:03	WG297644	
ethyl-2-pentanone (MIBK)	< .01	mg/kg	04/28/07 09:03	WG297644	
tone tone	< .05	mg/kg	04/28/07 09:03	WG297644	
vlonitrile	< .01	mg/kg	04/28/07 09:03	WG297644	
zene	< .001	mg/kg	04/28/07 09:03	WG297644	
mobenzene	< .001	mg/kg	04/28/07 09:03	WG297644	
modichloromethane	< .001	mg/kg	04/28/07 09:03	WG297644	
mojorm	< .001	mg/kg	04/28/07 09:03	WG297644	



Tax I.D. 62-0814289

Est. 1970

stern Technologies vid Regonini 37 East Broadway Rd.

oenix, AZ 85040

Quality Assurance Report Level II

L290875

Description   Description			mg/kg		< .005	
Dyte   Result   Units   Date Analyzed   Satch		nn le	to a serve D 1			nomechane
Den tetrachloride	ate Analyzed Batch	Date Anal	ratory Bu Units		Pecult	
Don tetrachlorate			01111 011		<u> </u>	<u>lyte</u>
orbenzene         < 0.001         mg/kg         04/28/07         09:03         WG297644           orodibromomethane         < 0.001	4/28/07 09:03 WG297644	04/28/07				non-tetrachloride
orodibromomethane         < .001	1/20/0/0/					
orochame         < .001	*/ = = / = : : : : : : : : : : : : : : :		mg/kg			prodibromomethane
oronethane		04/28/07				
October   Content   Cont	4/28/07 09:03 WG297644	04/28/07	ma/ka			
-1,3-Dichloropropene	4/28/07 09:03 WG297644	04/28/07	ma/ka			oromethane
	4/28/07 09:03 WG297644	04/28/07	mg/kg		< .001	-1,2-Dichloroethene
romomethane	4/28/07 09:03 WG297644	04/28/07	mg/kg			-1,3-Dichiotopiopene
Nicrodifluoromethane	4/28/07 09:03 WG297644	04/28/07				
Valence   Vale	4/28/07 09:03 WG29/644	04/28/07	mg/kg			hlorodifluoromethane
### Achlorobutadiene	4/28/07 09:03 WG297644	04/28/07				vlbenzene
propyloblezene hyl tert-butyl ether hyl tert-butyl ether hyl tert-butyl ether hyl tert-butyl ether hyl tert-butyl ether hyl tert-butyl ether hyl tert-butyl ether hyl tert-butyl ether hyl tert-butyl ether complex description of the hyl tert-butyl ether hyl tert-butyl ether complex description of the hyl tert-butyl eth		04/28/07				
hylenc Chloride	4/28/07 09:03 WG297644	04/28/07	ma/ka			propylbenzene
Ny   Strict   Stric	4/28/07 09:03 WG297644	04/28/07				nyl tert-butyl etner
Comparison   Com	4/28/07 09:03 WG297644	04/28/07				TATEUR CUIOTIGE
Sopropy    Sopropy	4/28/07 09:03 WG297644					
Sopropy    Color   Sopropy    Color   Sopropy    Color   Sopropy    Color   Sopropy    Color   Sopropy    Color   Sopropy    Color   Sopropy    Color   Color   Sopropy    Color   C		04/28/07				
Sutylbenzene	4/28/07 09:03 WG297644	04/28/07				sopropyltoluene
rene t-Butylbenzene	4/28/07 09:03 WG297644	04/28/07				-Butylbenzene
Carry   Carr	4/28/07 09:03 WG297644	04/28/07				
Comparison   Com	04/28/07 09:03 WG297644	04/28/07				
Ins-1,2-Dichloroethene	4/28/07 09:03 WG297644	04/28/07	mg/kg			
Senic   Seni		04/28/07	mg/kg		< .001	uene ng-1 2-Dichloroethene
Chloroethene	4/28/07 09:03 WG29/644		mg/kg			ns-1.3-Dichloropropene
Chlorofluoromethane   Chlorofluoromethane	4/28/07 09:03 WG29/644	04/28/07				chloroethene
Senic   mg/kg   0.00   0.00   0.00   0.20   0.290875-01	14/28/07 09:03 WG297644	04/28/07				chlorofluoromethane
Cury   Color	4/28/07 09:03 WG297644	04/28/07				
Duplicate   Duplicate   RPD   Limit   Ref Samp   Batch					2 .003	enes, Total
Duplicate   Units   Result   Duplicate   RPD   Limit   Ref   Samp   Batch	4/30/07 13:07 WG297742	04/30/07	mg/kg		< .02	curv .
Units Result Duplicate RPD Limit Ref Samp Batch   Senic   mg/kg 0.00 0.00 0.00 20 L290875-01 WG297   Senic   mg/kg 97.4 91.0 6.79 20 L290875-01 WG297   Sium   mg/kg 0.718 0.770 6.99 20 L290875-01 WG297   Simium   mg/kg 12.6 11.0 13.6 20 L290875-01 WG297   Somium   mg/kg 21.5 17.0 23.4 20 L290875-01 WG297   Sign   mg/kg 21.5 17.0 23.4 20 L290875-01 WG297   Sign   mg/kg 2.82 0.00 NA 20 L290875-01 WG297   MG297			wnliaste	יי יכו		
Mg/kg   0.00   0.00   0.00   0.00   0.20	RPD Limit Ref Samp Batch	cate RPD			IInite	
mg/kg         0.00 <t< td=""><td></td><td></td><td>te Daper</td><td>1/0001</td><td>OHILLS</td><td>lyte</td></t<>			te Daper	1/0001	OHILLS	lyte
mg/kg 97.4 91.0 6.79 20 L290875-01 WG297 mg/kg 0.718 0.770 6.99 20 L290875-01 WG297 mg/kg 12.6 11.0 13.6 20 L290875-01 WG297 mg/kg 21.5 17.0 23.4 20 L290875-01 WG297 mg/kg 21.5 17.0 23.4 20 L290875-01 WG297 mg/kg 2.82 0.00 NA 20 L290875-01 WG297 mg/kg 2.82 0.00 NA				0.00	ma/ka	ani a
Imium     mg/kg     0.718     0.70     20     L290875-01     WG297       romium     mg/kg     12.6     11.0     13.6     20     L290875-01     WG297       id     mg/kg     21.5     17.0     23.4     20     L290875-01     WG297       id     mg/kg     2.82     0.00     NA     20     L290875-01     WG297	0.75				mg/kg	
romium mg/kg 12.6 11.0 23.4 20 L290875-01 WG297 1d mg/kg 2.82 0.00 NA 20 L290875-01 WG297	0.00		_			
mg/kg 21.5 17.0 23.4 20 L290875-01 WG297					mg/kg	
IIIU/ NY 2,04	20.4	-			mg/kg	
mg/kg 0.00 0.00 20 L290875-01 WG297	0.00 20 L290875-01 WG297537		-		mg/kg	enium
.ver			,	0.00	mg/ kg	ver
cury mg/kg 0.00 0.0200 NA 20 L290880-01 WG297	NA 20 L290880-01 WG297742	200 NA	0.0	0.00	mg/kg	aurv
	n l o	Complo		,		CULY
Laboratory Control Sample Units Known Val Result % Rec Limit Batch	npre	Deanlt Bearlt	ry Contro.	oratory		
ilyte		110000	WII VAL	MILOW	OHILLS	lyte
		.50.	. :	161	ma/ka	• -
senic mg/kg 252 245. 97.2 82.1-117 WG297537		245.			mg/kg	
mg/kg 128 118. 92.2 81.3-110 WG297537	97.2 82.1-117 WG29/537				mg/kg	<del></del>
mg/kg 69.5 64.0 92.1 78.5 121 MG297537	92.2 81.3-118 WG297537	64 ()			mg/kg	
119/A9 172 00 7 75 5 134 MC207533	92.2 81.3-118 WG297537 92.1 78.6-121 WG297537			142	ma/ka	
mg/kg 64.2 05.0	92.2 81.3-118 WG297537 92.1 78.6-121 WG297537 99.3 80.3-119 WG297537	141.				d
tver mg/kg 130 101. 77.7 33 130.5 Hells	92.2 81.3-118 WG297537 92.1 78.6-121 WG297537 99.3 80.3-119 WG297537 99.7 75.5-124 WG297537	41. 64.0	2	64.2	mg/kg	
v. 05 0.507 105 65-134 WG297609	92.2 81.3-118 WG297537 92.1 78.6-121 WG297537 99.3 80.3-119 WG297537	141.	2			enium
ma/ka . Uh $0.052$	92.2 81.3-118 WG297537 92.1 78.6-121 WG297537 99.3 80.3-119 WG297537 99.7 75.5-124 WG297537 77.7 53-146.9 WG297537	41. 64.0	2	64.2	mg/kg	enium



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stern Technologies vid Regonini 37 East Broadway Rd.

oenix, AZ 85040

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,1-Trichloroethane	mg/kg	.05	0.0463	92.7	56-142	WG297609
	v - 1	town Control	Camala			
7	Lar Units	ooratory Control Known Val	Result	% Rec	Limit	Batch
lyte	OHLUS	1410711 142				
,2,2-Tetrachloroethane	mg/kg	.05	0.0517	103		
2-Trichloroethane	mg/kg	.05	0.0517	103.	69-118	WG297609
,2-Trichloro-1,2,2-trifluoroethane	mg/kg	.05	0.0499	99.7	62-146	WG297609 WG297609
-Dichloroethane	mg/kg	.05	0.0497	99.3 99.3	65-133	WG297609
-Dichloroethene	mg/kg	.05 .05	0.0496 0.0482	96.3	63-130	WG297609
-Dichloropropene	mg/kg mg/kg	.05	0.0505	101		WG297609
,3-Trichlorobenzene	mg/kg	.05	0.0494	98.7	65-137	WG297609
,3-Trichloropropane ,3-Trimethylbenzene	mg/kg	.05	0.0493	98.6	60-107	WG297609
4-Trichlorobenzene	mg/kg		0.0493	98.7		
,4-Trimethylbenzene	mg/kg	.05	0.0454	90.8	59-138	WG297609
-Dibromo-3-Chloropropane	mg/kg	.05	0.0449	89.8	51-142	WG297609
-Dibromoethane	mg/kg	0.5	0.0488	97.7 103.	64-129 70-126	WG297609 WG297609
-Dichlorobenzene	mg/kg	.05	0.0513 0.0494	98.9	55-139	WG297609
-Dichloroethane	mg/kg mg/kg	.05 .05	0.0446		64-124	WG297609
-Dichloropropane	mg/kg	.05	0.0474	94.7	66-132	WG297609
,5-Trimethylbenzene	mg/kg	.05	0.0480	96.1	64-139	WG297609
-Dichlorobenzene -Dichloropropane	mg/kg	.05	0.0500	99.9		
-Dichlorobenzene	mg/kg	.05	0.0491	98.3	66-129	WG297609
-Dichloropropane	mg/kg	.05	0.0445	89.0	51-149	WG297609
utanone (MEK)	mg/kg	.25	0.227	90.8	47-134	WG297609 WG297609
hloroethyl vinyl ether	mg/kg	.25	0.117 0.0480	46.9 96.0	64-137	WG297609 WG297609
hlorotoluene	mg/kg	.05	0.0493	98.5	69-133	
hlorotoluene (MTRK)	mg/kg mg/kg	.25	0.216	86.5	55-132	WG297609
ethyl-2-pentanone (MIBK)	mg/kg	.25	0.210	84.2	49-158	WG297609
tone ylonitrile	mg/kg	.25	0.246	98.4	44-126	WG297609
zene	mg/kg	.05	0.0544	109.	65-123	WG297609
mobenzene	mg/kg	.05	0.0492	98.5	66-137	WG297609
modichloromethane	mg/kg	.05	0.0422	84.3		WG297609
moform	mg/kg	.05	0.0494	98.9 118.	56-144 37 <b>-</b> 117	WG297609 WG297609
momethane	mg/kg	.05 .05	0.0592 0.0472	94.3	61-146	WG297609
bon tetrachloride	mg/kg	.05	0.0504	101.	68-130	WG297609
orobenzene	mg/kg mg/kg	.05	0.0508	102.	64-131	WG297609
orodibromomethane oroethane	mg/kg	.05	0.0587	117.	49-148	WG297609
oroform	mg/kg	.05	0.0476	95.1	63-125	WG297609
oromethane	mg/kg	.05	0.0594	119.	41-147	WG297609
-1,2-Dichloroethene	mg/kg	.05	0.0511	102.	68-121	WG297609
-1,3-Dichloropropene	mg/kg	.05	0.0454	90.9	69-120	WG297609
isopropyl ether	mg/kg	.05	0.0523	105. 89.1	58-124 68-122	WG297609 WG297609
romomethane	mg/kg	.05 .05	0.0446 0.0488	97.6	45-139	WG297609
hlorodifluoromethane	mg/kg mg/kg	.05	0.0487	97.4	69-124	WG297609
ylbenzene	mg/kg	.05	0.0472	94.4	59-129	WG297609
achlorobutadiene	mg/kg	.05	0.0486	97.2	69-133	WG297609
propylbenzene hyl tert-butyl ether	mg/kg	.05	0.0495	98.9	56-132	WG297609
hylene Chloride	mg/kg	.05	0.0539	108.	55-125	WG297609
utylbenzene	mg/kg	.05	0.0509	102.	61-136	WG297609
ropylbenzene	mg/kg	.05	0.0484	96.8	68-129	WG297609
hthalene	mg/kg	.05	0.0462	92.5 96.1	63-146 64-141	WG297609 WG297609
sopropyltoluene	mg/kg	.05	0.0481 0.0488	96.1 97.7	66-133	WG297609 WG297609
-Butylbenzene	mg/kg	.05 .05	0.0506	101.	68-126	WG297609
rene	mg/kg mg/kg	.05	0.0478	95.6	64-136	WG297609
t-Butylbenzene	mg/kg	.05	0.0474	94.9	62-143	WG297609
rachloroethene	mg/kg	.05	0.0421	84.2	69-120	WG297609
uene ns-1,2-Dichloroethene	mg/kg	.05	0.0492	98.4	68-130	WG297609
110 11/2 21011110100010110	J. J					



Tax I.D. 62-0814289

Est. 1970

stern Technologies /id Regonini 37 East Broadway Rd.

penix, AZ 85040

Quality Assurance Report Level II

L290875

		1123007	3			
. a pinklamenmono	mg/kg	.05	0.0445	89.0	51-115	WG297609
is-1,3-Dichloropropene						
	Labo	ratory C	ontrol Sample		عددسد ب	Datah
lyte	Units	Known	Val Result	% Rec_	Limit	Batch
			0.0445.	89.1	70-124	WG297609
chloroethene	********	.05	0.0445 0.0509	102.	46-131	WG297609
chlorofluoromethane	mg/kg	- 05	0.0569	114.	49-133	WG297609
yl chloride	mg/kg	.05	0.141	94.2	69-126	WG297609
enes, Total	mg/kg	.15	0.141	2-2-2	0,5 2,50	
		.167	0.138	82.6	64-120	WG297614
1260	mg/kg	.107	0.130		Notes has by Nather	
	mg/kg	30	22.2	74.2	50-150	WG297626
-C22 Hydrocarbons	mg/kg	30	22.6	75.3	70-130	WG297626
-C32 Hydrocarbons	ma/ va					바라마를 하는 나
	mg/kg	.05	0.0462	92.4	66-134	WG297644
,1,2-Tetrachloroethane	mg/kg	.05	0.0536	107.	56-142	WG297644
,1-Trichloroethane	mg/kg	.05	0.0499	99.8	68-122	WG297644
,2,2-Tetrachloroethane	mg/kg	.05	0.0481	96.2	69-118	WG297644
,2-Trichloroethane,2-Trichloro-1,2,2-trifluoroethane	mg/kg	.05	0.0460	92.0	62-146	WG297644
,2-Trichioro-1,2,2-Criridoroccidado	mg/kg	.05	0.0527	105.		WG297644
-Dichloroethane	mg/kg	.05	0.0463	92.5	65-129	WG297644
-Dichloroethene	mg/kg	.05	0.0522	104.	63-130	WG297644
-Dichloropropene ,3-Trichlorobenzene	mg/kg	.05	0.0511	102.	60-149	WG297644
	mg/kg	.05	0.0516	103.	65-137	WG297644
,3-Trichloropropane ,3-Trimethylbenzene	mg/kg	.05	0.0491	98.1	60-107	WG297644
4-Trichlorobenzene	mg/kg	.05	0.0536	107		WG297644
,4-Trimethylbenzene	mg/kg	.05	0.0495	99.0	59-138	WG297644
-Dibromo-3-Chloropropane	mg/kg	.05	0.0529	106.	51-142	WG297644
-Dibromoethane	mg/kg	.05	0.0521	104		WG297644
-Dichlorobenzene	mg/kg	.05	0.0481	96.2	70-126	WG297644
-Dichloroethane	mg/kg	.05	0.0568	114	55-139	WG297644
-Dichloropropane	mg/kg	.05	0.0494		64-124	WG297644 WG297644
,5-Trimethylbenzene	mg/kg	.05	0.0485	97.1	66-132 64 <b>-</b> 139	WG297644 WG297644
-Dichlorobenzene	mg/kg	.05	0.0490	97.9	71-122	WG297644
-Dichloropropane	mg/kg	.05	0.0469	93.8	66-129	WG297644
-Dichlorobenzene	mg/kg	.05	0.0481	96.1 108.	51-149	WG297644
-Dichloropropane	mg/kg	.05	0.0539	110.		WG297644
utanone (MEK)	mg/kg	.25	0.276	167	44-142	WG297644
hloroethyl vinyl ether	mg/kg	.25	0.418	97.0	64-137	WG297644
hlorotoluene	mg/kg	.05	0.0485	94.9	the second of the second	WG297644
hlorotoluene	mg/kg	.05	0.0475 0.257	103.	55-132	WG297644
ethyl-2-pentanone (MIBK)	mg/kg	.25	0.255	102.	49-158	WG297644
tone	mg/kg	.25	0.269	108.	44-126	WG297644
ylonitrile	mg/kg	.25 .05	0.0520	104.	65-123	WG297644
zene	mg/kg		0.0480	95.9	66-137	WG297644
mobenzene	mg/kg	.05 .05	0.0512	102.	67-126	WG297644
modichloromethane	mg/kg	.05	0.0506	101.	56-144	WG297644
moform	mg/kg	.05	0.0443	88.7	37-117	WG297644
momethane	mg/kg	.05	0.0552	110.	61-146	WG297644
bon tetrachloride	mg/kg	.05	0.0490	98.0	68-130	WG297644
orobenzene	mg/kg	.05	0.0521	104.	64-131	WG297644
orodibromomethane	mg/kg	.05	0.0415	83.0	49-148	WG297644
oroethane	mg/kg	.05	0.0504	101.	63-125	WG297644
oroform	mg/kg	.05	0.0437	87.4	41-147	WG297644
oromethane	mg/kg	.05	0.0514	103.	68-121	WG297644
-1,2-Dichloroethene	mg/kg	.05	0.0527	105.	69-120	WG297644
-1,3-Dichloropropene	mg/kg	.05	0.0524	105.	58-124	WG297644
isopropyl ether	mg/kg	.05	0.0537	107.	68-122	WG297644
romomethane	mg/kg	.05	0.0510	102.	45-139	WG297644
hlorodifluoromethane	mg/kg	.05	0.0469	93.8	69-124	WG297644
ylbenzene	mg/kg	.05	0.0502	100.	59-129	WG297644
achlorobutadiene	mg/kg	.05	0.0472	94.4	69-133	WG297644
propylbenzene	mg/kg	.05	0.04,2			



Tax I.D. 62-0814289

WG297644

Est. 1970

56-132

stern Technologies vid Regonini 37 East Broadway Rd.

hyl tert-butyl ether

Quality Assurance Report Level II

.05

mg/kg

0.0455

May 02, 2007

91.1

oenix,	ΑZ	85040		
			L290	087

			ontrol Sa			
lyte	Units	Known	Val Re	sult	% Rec	Limit Batch
hylene Chloride utylbenzene ropylbenzene hthalene sopropyltoluene -Butylbenzene rene t-Butylbenzene rachloroethene nene ns-1,2-Dichloroethene ns-1,3-Dichloropropene chloroethene chlorofluoromethane yl chloride enes, Total	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	.05	0. 0. 0. 0. 0. 0. 0. 0.	0431 0477 0465 0504 0497 0474 0509 0477 0502 0495 0509 0552 0475 0426 143	86.2 95.3 93.0 101 99.4 94.7 102 95.3 100 99.1 102 110 104 95.0 85.3 95.2	68-130 WG297644 51-115 WG297644 70-124 WG297644 46-131 WG297644 49-133 WG297644
cury	mg/kg	16.9	15.	7	92.9	65.1-134 WG297742
		ry Contro LCSD Res	l Sample Ref Res	Duplicat RPD	.e Limit %Rec	Batch
lyte	0114,42					
,1,2-Tetrachloroethane ,1-Trichloroethane ,2,2-Trichloroethane ,2-Trichloro-1,2,2-trifluoroethane -Dichloroethane -Dichloroethane -Dichloroethane -Dichloropropene ,3-Trichlorobenzene ,3-Trichloropropane ,3-Trimethylbenzene ,4-Trimethylbenzene -Dibromo-3-Chloropropane -Dibromo-3-Chloropropane -Dichlorobenzene -Dichlorobenzene -Dichloropropane -D	mg/kg mg/kg	0.0468 0.0468 0.0512 0.0491 0.0493 0.0497 0.0477 0.0486 0.0478 0.0437 0.0436 0.0431 0.0436 0.04466 0.0446 0.0446 0.0447 0.0440 0.0447 0.0449 0.0449 0.0449 0.0449 0.0449 0.0449 0.0491	0.0527 0.0463 0.0517 0.0499 0.0497 0.0496 0.0493 0.0493 0.0493 0.0494 0.0454 0.0450 0.0447 0.0446 0.0447 0.0446 0.0447 0.0448 0.0513 0.0494 0.0446 0.0446 0.0447 0.0446 0.0446 0.0446 0.0446 0.0447 0.0446 0.0446 0.0447 0.0446 0.0447 0.0446 0.0447 0.0446 0.0447 0.0446 0.0447 0.0446 0.0447 0.0446 0.0447 0.0447 0.0447 0.04493 0.0447 0.04493 0.0447 0.04493 0.0446 0.0447 0.04493 0.0447 0.04493 0.04493 0.04493 0.04493 0.04493 0.04493 0.04493 0.04493 0.04493 0.04494 0.04493 0.0493 0	1.04 1.66 0.975 1.53 0.681 0.983 1.03 0.463	19 94 16 95 19 87 31 84	WG297609 WG297609



Tax I.D. 62-0814289

Est. 1970

stern Technologies rid Regonini 37 East Broadway Rd.

Quality Assurance Report Level II

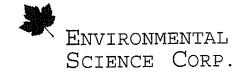
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May 02, 2007

penix, AZ 85040

L290875

		<del></del> = - ·	_					
orodibromomethane	mg/kg	0.0504	0.0508	0.800	16	101	WG297609	
	_			D	_			
	Laborato	ry Contro	I Sample	RPD	Limit	&Pec	Batch	
lyte	Units	<u>LĆSD Res</u>	Ker Kes	RFD	BIHLEC	8100	Dacon	
	mg/kg	0.0591	0.0587	0.658	16	118	WG297609	
proethane	mg/kg	0.0473	0.0476	0.466	14	95	WG297609	
proform	mg/kg	0.0596	0.0594	0.439	17	119	WG297609	
oromethane	mg/kg	0.0510	0.0511	0.212	15	102	WG297609	
-1,2-Dichloroethene -1,3-Dichloropropene	mg/kg	0.0445	0.0454	2.05	15	89	WG297609	
isopropyl ether	mg/kg	0.0522	0.0523	0.0928	15	104	WG297609	
romomethane	mg/kg	0.0442	0.0446	0.903	14	88		
lorodifluoromethane	mg/kg	0.0495	0.0488	1.36	19	99	WG297609	
/lbenzene	mg/kg	0.0470	0.0487	3.56	15	94	WG297609	
ichlorobutadiene	mg/kg	0.0462	0.0472		16	92		North Control
propylbenzene	mg/kg	0.0471	0.0486	3.18	16	94	WG297609	
yl tert-butyl ether	mg/kg	0.0494	0.0495	0.190	16	99	WG297609 WG297609	41.44 (14.45)
Nylene Chloride	mg/kg	0.0539	0.0539		15	108	WG297609	n di pilan ish syan
itylbenzene	mg/kg	0.0492	0.0509	3.42	18 16	98 93	WG297609	
ropylbenzene	mg/kg	0.0466	0.0484	3.75 1.03	21	93	WG297609	e de la compa
nthalene	mg/kg	0.0467	0.0462	5.03	16	91	WG297609	
sopropyltoluene	mg/kg	0.0457 0.0468	0.0488	4.21	15	94	WG297609	
-Butylbenzene	mg/kg mg/kg		0.0506	2.28	16		WG297609	
cene	mg/kg	0.0461	0.0478	3.64	16	92	WG297609	
:-Butylbenzene	mg/kg	0.0465	0.0474	2.01	18	93	WG297609	
cachloroethene	mg/kg	0.0414	0.0421	1.83	13	83	WG297609	4
iene	mg/kg	0.0487	0.0492	1.02	17	97	WG297609	
ns-1,2-Dichloroethene ns-1,3-Dichloropropene	mg/kg	0.0444	0.0445	0.151	17	89	WG297609	
chloroethene	mg/kg	0.0438	0.0445	1.65	14	88	WG297609	
chlorofluoromethane	mg/kg	0.0509	0.0509	0.0077	15	102	WG297609	
yl chloride	mg/kg	0.0567	0.0569	0.307	14	113	WG297609	
enes, Total	mg/kg	0.136	0.141	370	14	91	WG297609	
Sitoly Rocket						0.4	WG297614	
1260	mg/kg	0.141	0.138	1.92	20	84	MG23/014	
	/2	0.4.3	22.2	8.13	20	80	WG297626	
-C22 Hydrocarbons	mg/kg	24.1	22.2	1.48	20	76	WG297626	
-C32 Hydrocarbons	mg/kg	22.9	22.0	1.40	20	e sego di di	110237020	
	ma /150	0.0474	0.0462	2.62	16	95	WG297644	
,1,2-Tetrachloroethane	mg/kg mg/kg	0.0525	0.0536	1.99	16	105	WG297644	
,1-Trichloroethane	mg/kg	0.0323	0.0499	3.93	16	96	WG297644	
,2,2-Tetrachloroethane	mg/kg	0.0470	0.0481	2.32	14	94	WG297644	
,2-Trichloroethane,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0453	0.0460	1.61	17	91	WG297644	
, Z-Trichioro-1, Z, Z-criridorocchane	mg/kg	0.0506	0.0527	3.94	16	101	WG297644	
-Dichloroethane -Dichloroethene	mg/kg	0.0449	0.0463	2.97	19	90	WG297644	
-Dichloropropene	mg/kg	0.0506	0.0522	3.24	17	101	WG297644	
,3-Trichlorobenzene	mg/kg	0.0474	0.0511	7.49	21	95	WG297644	
,3-Trichloropropane	mg/kg	0.0475	0.0516	8.15	19	95	WG297644	
,3-Trimethylbenzene	mg/kg	0.0471	0.0491	4.11	15	94	WG297644	
,4-Trichlorobenzene	mg/kg	0.0501	0.0536	6.77	20	100	WG297644	
,4-Trimethylbenzene	mg/kg	0.0490	0.0495	0.893	15	98	WG297644	
-Dibromo-3-Chloropropane	mg/kg	0.0446	0.0529	16.9	20	89	WG297644	
-Dibromoethane	mg/kg	0.0501	0.0521	3.78	23	100	WG297644	
-Dichlorobenzene	mg/kg	0.0472	0.0481	1.97	15	94	WG297644	
-Dichloroethane	mg/kg	0.0544	0.0568	4.40	15	109	WG297644	
-Dichloropropane	mg/kg	0.0493	0.0494	0.246	16	99 97	WG297644 WG297644	
,5-Trimethylbenzene	mg/kg	0.0485	0.0485	0.0612			WG297644 WG297644	
-Dichlorobenzene	mg/kg	0.0485	0.0490	1.04	18	97 93	WG297644	
-Dichloropropane	mg/kg	0.0464	0.0469	1.10	15 17	93 91	WG297644	
-Dichlorobenzene	mg/kg	0.0455	0.0481	5.52 1.92	17 19	106	WG297644	
-Dichloropropane	mg/kg	0.0529	0.0539	1.92	21	98	WG297644	
itanone (MEK)	mg/kg	0.245	0.276 0.418	102.	14	55	WG297644	
ploroethyl vinyl ether	mg/kg	0.136	010	202.	<b>-4.</b> "-		/	



Tax I.D. 62-0814289

Est. 1970

estern Technologies vid Regonini '37 East Broadway Rd.

oenix, AZ 85040

Quality Assurance Report Level II

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hlorotoluene	mg/kg	0.0479	0.0485	1.16	1.9	96	WG297644	
	Laborate	ory Contro	ol Sample	Duplica	ate			
lyte	Units	LCSD Res	Ref Res	RPD	Limi	t %Rec	Batch	
'hlorotoluene	mg/kg	0.0470	0.0475	1.01	16	94	WG297644	
lethyl-2-pentanone (MIBK)	mg/kg	0.234	0.257	9.46	19	94	WG297644	ŧ
tone (MIDIO)	mg/kg	0.226	0.255	12.3	31	90	WG297644	
ylonitrile	mg/kg	0.240	0.269	11.7	18	96	WG297644	
izene	mg/kg	0.0508	0.0520		13	102	WG297644	
mohenzene	mg/kg	0.0485	0.0480		1.5	97	WG297644	
modichloromethane	mg/kg	0.0508				102 95	WG297644 WG297644	
moform	ma/ku	0.0476	0.0506		16 20	86	WG297644 WG297644	
momethane	mg/kg	0.0428 0.0549	0.0443			110	WG297644	
bon tetrachloride	mg/kg	0.0489	0.0490	and the second second		98	WG297644	
orobenzene orodibromomethane	mg/kg	0.0514	0.0521	1.45	16	103	WG297644	:
oroethane	ma/ka	0.0389			16	78	WG297644	
oroform	mg/kg	0.0491	0.0504	2.62	14	98	WG297644	
oromethane	ma/ka	0.0406	0.0437		17	81	WG297644	
1-1,2-Dichloroethene	mg/kg	0.0504	0.0514	2.02		101	WG297644	
-1,3-Dichloropropene	mg/kg	0.0521	0.0527			104	WG297644 WG297644	
isopropyl ether	mg/kg	0.0508	0.0524		15 14	102 105	WG297644 WG297644	
romomethane		0.0523	0.0537	2.35	19	100	WG297644	
hlorodifluoromethane	mg/kg mg/kg	0.0499 0.0468	0.0469			94	WG297644	
ylbenzene achlorobutadiene	mg/kg	0.0476	0.0502			95	WG297644	
propylbenzene	mg/kg	0.0473	0.0472	0.220		95	WG297644	
hyl tert-butyl ether	mg/kg	0.0438	0.0455		1.6	88	WG297644	
hyl tert-butyl ether hylene Chloride	mg/kg	0.0418			15	84	WG297644	
utylbenzene	mg/kg	0.0461	0.0477	3.24	18	92 94	WG297644 WG297644	
ropylbenzene	mg/kg	0.0468	0.0465	0.685 10.1	5 16 21	91	WG297644	and the second s
hthalene	mg/kg mg/kg	0.0455	0.0497	0.924	_	100	WG297644	
sopropyltoluene	mg/kg	0.0475	0.0474	0.22		95	WG297644	
-Butylbenzene rene	mg/kg	0.0508	0.0509		20 16	102	WG297644	
t-Butylbenzene	mg/kg	0.0476	0.0477			95	WG297644	
rachloroethene	mg/kg	0.0490	0.0502	2.42	18	98	WG297644	
uene	mg/kg	0.0489		1.37	13	98.	WG297644	
ns-1,2-Dichloroethene	mg/kg	0.0497	0.0509	2.29 3.61	17 17	99 107	WG297644 WG297644	
ns-1,2-Dichloroethene ns-1,3-Dichloropropene chloroethene	mg/kg	0.0533 0.0525	0.0552	0.619		105	WG297644	
V-2	mg/kg mg/kg	0.0456	0.0475	4.06	1.5	91	WG297644	
chlorofluoromethane yl chloride	mg/kg	0.0390	0.0426	8.85	14	78	WG297644	
enes, Total	mg/kg	0.145	0.143	1.45	14	97	WG297644	
	36							
1***	Units	MS Res	x Spike Ref Res	TV	% Rec	Limit	Ref Samp	Batch
lyte							7.000000	************
enic	mg/kg	55.2	0.00	1.0	110.	75-125	L290875-01	WG297537
ium	mg/kg	148.	91.0	50	114.	75-125	L290875-01 L290875-01	
mium	mg/kg	46.0	0.770	50 50	20.5	75-125 75-125	L290875-01	
omium	mg/kg	57.4 71.3	11.0 17.0	10	109.	75-125	L290875-01	
d	mg/kg mg/kg	48.5	0.00	50		75-125	L290875-01	
enium ver	mg/kg	56.2	0.00	10		75-125	L290875-01	
						FC -00	T 0 0 0 0 0 0 1	WG207600
,1,2-Tetrachloroethane	mg/kg	0.211	0.00	.05		56-123 53-139	L290571-04 L290571-04	
,1-Trichloroethane	mg/kg	0.241	0.00	.05 .05		37-133	L290571~04	
,2,2-Tetrachloroethane	mg/kg	0.188	0.00 0.00	.05		61-113	L290571-04	
,2-Trichloroethane	mg/kg mg/kg	0.237 0.245	0.00	.05		56-115	L290571-04	
,2-Trichloro-1,2,2-trifluoroethane -Dichloroethane	mg/kg	0.247	0.00	,05		64-127	L290571-04	
-Dichloroethane -Dichloroethene	mg/kg	0.244	0.00	.05		64-126	L290571-04	WG297609
-DICHIOLOGOHOME	···5/ /#3							



Tax I.D. 62-0814289

Est. 1970

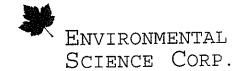
tern Technologies id Regonini Teast Broadway Rd.

enix, AZ 85040

Quality Assurance Report Level II

L290875

		22300,	_				
	ma/ka	0.246	0.00	.05	98.5 55-108	L290571-04	WG297609
Dichloropropene	mg/kg	0.240	0.00				
		Matri	x Spike				
	Units	MS Res	Ref Res	TV	% Rec Limit	Ref Samp	Batch
.yte	OILLEB	110 100	1003-1103				
1 12	mg/kg	0.136	0.00	.05	54.2 30-113	L290571-04	WG297609
3-Trichlorobenzene	mg/kg	0.231	0.00	.05	92.6 47-138	L290571-04	
3-Trichloropropane	mg/kg	0.206	0.00	.05	82.5 42-96	L290571-04	
3-Trimethylbenzene	mg/kg	0.131	0.00	.05	52.5 30-104	L290571-04	
4-Trichlorobenzene	mg/kg	0.171	0.00	.05	68.6 38-108	L290571-04	
4-Trimethylbenzene	mg/kg	0.203	0.00	.05	81.0 39-135	L290571-04	
Dibromo-3-Chloropropane	mg/kg	0.222	0.00	.05	88.9 57-120	L290571-04	WG297609
Dibromoethane	mg/kg	0.196	0.00	.05	78.2 36-110	L290571-04	WG297609
Dichlorobenzene	mg/kg	0.250	0.00	.05	100. 46-147	L290571-04	WG297609
Dichloroethane	mg/kg	0.208	0.00	.05	83.1 63-124	L290571-04	WG297609
Dichloropropane	mg/kg	0.185	0.00	.05	73.9 39-106	L290571-04	WG297609
5-Trimethylbenzene	mg/kg	0.166	0.00	.05	66.2 31-109	L290571-04	
-Dichlorobenzene	mg/kg	0.232	0.00		92.6 65-116	L290571-04	WG297609
-Dichloropropane	mg/kg	0.182	0.00	.05	72.9 32-102	L290571-04	WG297609
-Dichlorobenzene	mg/kg	0.207	0.00	.05	82.9 49-138	L290571-04	WG297609
-Dichloropropane	mg/kg	1.16	0.00	.25	92.5 43-137	L290571-04	
itanone (MEK)	mg/kg	0.317	0.00	.25	25.4 40-138	L290571-04	WG297609
loroethyl vinyl ether	mg/kg	0.189	0.00	.05	75.4 45-111	L290571-04	WG297609
ilorotoluene	mg/kg	0.181	0.00	.05	72.4 38-106	L290571-04	WG297609
lorotoluene (MTDV)	mg/kg	1.06	0.00	.25	84.7 47-133	L290571-04	
ethyl-2-pentanone (MIBK)	mg/kg	1.17	0.00	.25	93.9 33-148	L290571-04	WG297609
ione	mg/kg	1.19	0.00	.25	95.4.40-126	L290571-04	WG297609
/lonitrile	mg/kg	0.261	0.00	.05	104. 54-119	L290571-04	WG297609
zene	mg/kg	0.196	0.00	.05	78.6 45-116	L290571-04	WG297609
nobenzene	mg/kg	0.183	0.00	.05	73.1 51-125	L290571-04	
nodichloromethane	mg/kg	0.191	0.00	.05	76.4 44-135	L290571-04	
noform	mg/kg	0.223	0.00	.05	89.3 30-113	L290571-04	
nomethane	mg/kg	0.217	0.00	.05	86.8 47-133	L290571-04	
oon tetrachloride	mg/kg	0.206	0.00	.05	82.3 53-110	L290571-04	WG297609
orobenzene	mg/kg	0.202	0.00	.05	80.8 53-125	L290571-04	WG297609
prodibromomethane	mg/kg	0.232	0.00	.05	92.8 42-149	L290571-04	WG297609
oroethane	mg/kg	0.234	0.00	.05	93.6 61-127	L290571-04	WG297609
oroform	mg/kg	0.209	0.00	.05	83.5 35-140	L290571-04	
promethane	mg/kg	0.238	0.00	.05	95.1 67-120	L290571-04	
-1,2-Dichloroethene	mg/kg	0.179	0.00	.05	71.7 53-113	L290571-04	WG297609
-1,3-Dichloropropene	mg/kg	0.247	0.00	.05	98.8 62-119	L290571-04	
isopropyl ether	mg/kg	0.217	0.00	.05	86.6 57-126	L290571-04	
romomethane	mg/kg	0.183	0.00	.05	73.4 34-140	L290571-04	
alorodifluoromethane	mg/kg	0.198	0.00	.05	79.3 47-111	L290571-04	
ylbenzene	mg/kg	0.168	0.00	.05	67.2 30-91	L290571-04	WG297609
achlorobutadiene	mg/kg	0.202	0.00	.05	81.0 49-110	L290571-04	
propylbenzene	mg/kg	0.238	0.00	.05	95.1 63-131	L290571-04	
nyl tert-butyl ether	mg/kg	0.265	0.00	.05	106. 54-123	L290571-04	WG297609
hylene Chloride	mg/kg	0.190	0.00	.05	76.0 36-94	L290571-04	WG297609
utylbenzene	mg/kg	0.191	0.00	.05	76.3 43-101	L290571-04	
ropylbenzene	mg/kg	0.151	0.00	.05	60.5 33-125	L290571-04	WG297609
nthalene	mg/kg	0.178	0.00	.05	71.3 34-105	L290571-04	WG297609
sopropyltoluene	mg/kg	0.195	0.00	.05	78.0 37-105	L290571-04	WG297609
-Butylbenzene	mg/kg	0.180	0.00	.05	72.2 43-107	L290571-04	
rene	mg/kg	0.197	0.00	.05	78.9 45-112	L290571-04	
t-Butylbenzene	mg/kg	0.202	0.00	.05	80.6 40-114	L290571-04	
rachloroethene	mg/kg	0.187	0.00	.05	74.7 54-109	L290571-04	
jene	mg/kg	0.228	0.00	.05	91.1 58-118	L290571-04	WG297609
ns-1,2-Dichloroethene	mg/kg	0.178	0.00	.05	71.2 41-107	L290571-04	
ns-1,3-Dichloropropene	mg/kg	0.228	0.00	.05	91.3 56-119	L290571-04	WG297609
chloroethene	mg/kg	0.213	0.00	.05	85.2 39-126	L290571-04	WG297609
chlorofluoromethane	mg/kg	0.208	0.00	.05	83.1 39-127	L290571-04	WG297609
yl chloride	mg/kg	0.575	0.00	.15	76.7 51-107	L290571-04	WG297609
enes, Total	1119/ VA	0.5/5		· - <del>-</del>			



Tax I.D. 62-0814289

Est. 1970

stern Technologies vid Regonini 37 East Broadway Rd.

penix, AZ 85040

Quality Assurance Report Level II

L290875

			-				
-C22 Hydrocarbons	mg/kg	24.1	0.00	30	80.5 47-144	L290875-04	WG297626
CZE HYGIOGGIDONO							
	_		.x_Spike		n === = = :== :==	Ref Samp	Batch
lyte	Units	MS Res	Ref Res	TV	% Rec Limit	Ker samp	<u> </u>
<del></del>	···· ~ /1-~	23.0	0.00	3.0	76.7 47-144	L290875-04	WG297626
-C32 Hydrocarbons	mg/kg	23.0	0.00	0		<b></b>	
,1,2-Tetrachloroethane	mg/kg	0.151	0.00	.05	60.4 56-123	L290483-02	
,1-Trichloroethane	mg/kg	0.199	0.00	05	79.6 53-139	L290483-02	
,2,2-Tetrachloroethane	mg/kg	0.178	0.00	.05	71.3 37-133	L290483-02	WG297644
2-Trichloroethane	mg/kg	0.203	0.00	.05	81.2 61-113	L290483-02 L290483-02	
,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.121	0.0081		45.1 56-115 90.3 64-127	L290483-02	
-Dichloroethane	mg/kg	0.226 0.181	0.00	.05 .05	72.4 64-126	L290483-02	
-Dichloroethene	mg/kg mg/kg	0.162	0.00	.05	64.7 55-108	L290483-02	WG297644
-Dichloropropene ,3-Trichlorobenzene	mg/kg	0.0364	0.00	.05	14.6 30-113	L290483-02	
,3-Trichloropropane	mg/kg	0.195	0.00	.05	78.1 47-138	L290483-02	
,3-Trimethylbenzene	mg/kg	0.0677	0.00		27.1 42-96	L290483-02	WG297644
,4-Trichlorobenzene	mg/kg	0.0337	0.00	.05	13.5 30-104	L290483-02 L290483-02	WG297644
,4-Trimethylbenzene	mg/kg	0.0645	0.00	.05	25.8 38-108 65.5 39-135	L290483-02	
-Dibromo-3-Chloropropane	mg/kg	0.164 0.204	0.00	.05 .05	81.8 57-120	L290483-02	
-Dibromoethane	mg/kg mg/kg	0.0747	0.00	.05	29.9 36-110	L290483-02	
-Dichlorobenzene	mg/kg	0.259	0.00	.05	103. 46-147	L290483-02	
-Dichloroethane -Dichloropropane	mg/kg	0.210	0.00	.05	84.1 63-124	L290483-02	
,5-Trimethylbenzene	mg/kg	0.0615	0.00	.05	24.6 39-106	L290483-02	
-Dichlorobenzene	mg/kg	0.0701	0.00	.05	28.0 31-109	L290483-02 L290483-02	
-Dichloropropane	mg/kg	0.190	0.00	.05	76.0 65-116 28.6 32-102	L290483-02	
-Dichlorobenzene	mg/kg	0.0714	0.00	.05 .05	84.0 49-138	L290483-02	
	mg/kg mg/kg	0.210 1.29	0.00	.25	103. 43-137	L290483-02	
utanone (MEK)	ma/ka	1.29	0.00	.25	103. 40-138	L290483-02	
hloroethyl vinyl ether hlorotoluene	mg/kg	0.0798	0.00	.05	31.9 45-111	L290483-02	
hlorotoluene	mg/kg	0.0788	0.00	.05	31.5 38-106	L290483-02	
ethyl-2-pentanone (MIBK)	mg/kg	1.07	0.00	.25	85.3 47-133	L290483-02 L290483-02	
tone	mg/kg	1.25	0.00	.25	100. 33-148 101. 40-126	L290483-02	
ylonitrile	mg/kg	1.26	0.00	.25 .05	83.1 54-119	L290483-02	
zene	mg/kg mg/kg	0.208 0.121	0.00	.05	48.5 45-116	L290483-02	
mobenzene	mg/kg	0.205	0.00	.05	82.1 51-125	L290483-02	WG297644
modichloromethane moform	mg/kg	0.175	0.00	.05	70.1 44-135	L290483-02	
momethane	mg/kg	0.205	0.00	.05	81.9 30-113	L290483-02	
bon tetrachloride	mg/kg	0.166	0.00	.05	66.5 47-133	L290483-02 L290483-02	
orobenzene	mg/kg	0.134	0.00	.05 .05	53.6 53-110 77.4 53-125	L290483-02	
orodibromomethane	mg/kg	0.193 0.180	0.00	.05	72.0 42-149	L290483-02	
oroethane	mg/kg mg/kg	0.215	0.00	.05	86.2 61-127	L290483-02	
oroform	mg/kg	0.179	0.00	.05	71.8 35-140	L290483-02	WG297644
oromethane -1,2-Dichloroethene	mg/kg	0.217	0.00	.05	86.9 67-120	L290483-02	
-1,3-Dichloropropene	mg/kg	0.195	0.00	.05	78.2 53-113	L290483-02	
isopropyl ether	mg/kg	0.237	0.00	.05	94.8 62-119	L290483-02	
romomethane	mg/kg	0.232	0.00	.05	93.0 57-126 87.8 34-140	L290483-02 L290483-02	WG257644 WG297644
hlorodifluoromethane	mg/kg	0.220 0.100	0.00 0.00	.05 .05	40.0 47-111	L290483-02	WG297644
ylbenzene	mg/kg mg/kg	0.100	0.00	.05	7.6 30-91	L290483-02	
achlorobutadiene	mg/kg	0.0724	0.00	.05	29.0 49-110	L290483-02	WG297644
propylbenzene hyl tert-butyl ether	mg/kg	0.239	0,00	.05	95.7 63-131	L290483-02	WG297644
hylene Chloride	mg/kg	0.191	0.00	.05	76.2 54-123	L290483-02	
utylbenzene	mg/kg	0.0310	0.00	.05	12.4 36-94	L290483-02	
ropylbenzene	mg/kg	0.0600	0.00	.05	24.0 43-101	L290483-02 L290483-02	WG257644 WG297644
hthalene	mg/kg	0.0641	0.00	.05 .05	25.6 33-125 17.0 34-105	L290483-02	
sopropyltoluene	mg/kg	0.0426 0.0431	0.00	.05	17.2 37-105	L290483-02	
-Butylbenzene	mg/kg mg/kg	0.0431	0.00	.05	48.7 43-107	L290483-02	
rene	1119/ 72	V.±==	2,00				



Tax I.D. 62-0814289

Est. 1970

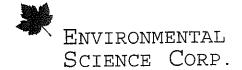
tern Technologies id Regonini 7 East Broadway Rd.

enix, AZ 85040

Quality Assurance Report Level II

L290875

		112300	, ,				
<b>-</b> . • • • • • • • • • • • • • • • • • •	mg/kg	0.0531	0.00	.05	21.3 45-1	12 L290483-02	WG297644
-Butylbenzene	9/119						
		Matr	ix Spike			D-5 C	Datah
yte	Units	MS Res	Ref Res	TV	% Rec Limi	t Ref Samp	Batch
y c c	4-			0.5	34.5 40-1	14 L290483-02	WG297644
achloroethene	mg/kg	0.0863	0.00	.05	61.0 54-1		
.ene	mg/kg	0.152	0.00	.05 .05	77.2 58-1	· · · · · · · · · · · · · · · · · · ·	WG297644
s-1,2-Dichloroethene	mg/kg	0.193	0.00 0.00	.05	84 4 41-1	07 L290483-02	WG297644
s-1,3-Dichloropropene	mg/kg	0.211 0.166	0.00	.05	66.5 56-1	19 L290483-02	WG297644
hloroethene	mg/kg	0.179	0.00	.05	71.7 39-1	26 L290483-02	WG297644
hlorofluoromethane	mg/kg mg/kg	0.180	0.00	.05	72.1 39-1	27 L290483-02	WG297644
1 chloride	mg/kg	0.302	0.00	.15	40.2 51-1	07 L290483-02	WG297644
nes, Total	""3/ 129	0.302					
to desire d	ma/ka	0.263	0.0200	. 25	97.2 70-1	30 L290880-01	WG297742
ury							
	, <b>M</b>	atrix Sp	ike Dupli	cate	- ' ' ' o m	ar Dof Comp	Batch
yte	Units	MSD Res	Ref Res	RPD	Limit %R	ec Ref Samp	Baccii
. 9				<b>~</b> 00	20 - 1 - 11	7 : 1000075_0	1 WG297537
enic	mg/kg	58.6	55.2	5.98 4.14	20 11 20 10	7. L290875-0 2 L290875-0	1 WG297537
.um		142.	148.	4.14 0.434			1 WG297537
iium	mg/kg	46.2	46.0 57.4	5.00	20 87	.2 L290875-0	1 WG297537
mium	mg/kg	54.6 75.7	71.3	5.99	20 11		1 WG297537
i	mg/kg	45.7	48.5	5.94	20 91	.4 L290875-0	1 WG297537
nium	mg/kg mg/kg	57.0	56.2	1.41		4. L290875-0	1 WG297537
rer	m3\ v3	37.0	30.2				
a mara-blanchhano	mg/kg	0.198	0.211	6.37			4 WG297609
1,2-Tetrachloroethane	mg/kg	0.226	0.241	6.37			4 WG297609
1-Trichloroethane 2,2-Tetrachloroethane	mg/kg	0.172	0.188	8.99		.8 1290571-0	4 WG297609
2-Trichloroethane	mg/kg	0.224	0.237	5.61		.7 L290571-0	4 WG297609
2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.223	0.245	9.33	20 89	.4 1/290571-0	4 WG297609 4 WG297609
Dichloroethane	mg/kg	0.223	0.247	10.1		.3 L290571-0 .2 L290571-0	4 WG297609
Dichloroethene	mg/kg	0.225	0.244	7.99		.9 L290571-0	4 WG297609
Dichloropropene	mg/kg	0.232	0.246	5.91 2.45		.6 L290571-0	4 WG297609
3-Trichlorobenzene	mg/kg	0.139	0.136 0.231	6.68	16 86	.6 T.290571-0	4 WG297609
3-Trichloropropane	mg/kg	0.216 0.203	0.206	1.74		.1 L290571-0	4 WG297609
3-Trimethylbenzene	mg/kg	0.203	0.131	2.50		.9 L290571-0	4 WG297609
4-Trichlorobenzene	mg/kg mg/kg	0.170	0.171	0.722		.1 L290571-0	4 WG297609
4-Trimethylbenzene	mg/kg	0.196	0.203	3.09		.6 L290571-0	4 WG297609
-Dibromo-3-Chloropropane	mg/kg	0.212	0.222	4.73	16 84	.8 L290571-0	4 WG297609
-Dibromoethane	mg/kg	0.192	0.196	2.01			4 WG297609
-Dichlorobenzene	mg/kg	0.219	0.250	13.5			4 WG297609
Dichloroethane	mg/kg	0.193	0.208	7.56			4 WG297609
-Dichloropropane .5-Trimethylbenzene	mg/kg	0.183	0.185	0.883			4 WG297609
-Dichlorobenzene	mg/kg	0.166	0.166	0.068		.3 1/2905/1-0	4 WG297609 4 WG297609
-Dichloropropane	mg/kg	0.219	0.232	5.34		.8 L290571-0	4 WG297609
-Dichlorobenzene	mg/kg	0.177	0.182	3.01		.8 L290571-0 .6 L290571-0	4 WG297609
-Dichloropropane	mg/kg	0.192	0.207	7.90			4 WG297609
ıtanone (MEK)	mg/kg	0.999	1.16	14.5 19.7	13 20		4 WG297609
ploroethyl vinyl ether	mg/kg	0.260	0.317 0.189	0.101		.5 L290571-0	4 WG297609
ılorotoluene	mg/kg	0.189	0.183	0.059		.4 L290571-0	4 WG297609
lorotoluene	mg/kg	0.181 0.960	1.06	9.74		.8 L290571-0	4 WG297609
ethyl-2-pentanone (MIBK)	mg/kg	1.03	1.17	13.1		.3 L290571-0	4 WG297609
tone	mg/kg mg/kg	1.05	1.19	12.6		.1 L290571-0	4 WG297609
/lonitrile	mg/kg	0.239	0.261	8.54		.7 L290571-0	4 WG297609
zene	mg/kg	0.193	0.196	1.88		.1 L290571-0	4 WG297609
nobenzene	mg/kg	0.169	0.183	7.67			4 WG297609
nodichloromethane	mg/kg	0.176	0.191	8.01		.5 L290571-0	4 WG297609
noform	mg/kg	0.185	0.223	18.9		.9 L290571-0	4 WG297609
nomethane oon tetrachloride	mg/kg	0.202	0.217	7.30		.7 L290571-0	4 WG297609
	mg/kg	0.203	0.20€	1.16	22 81	.4 ь290571-0	4 WG297609
orobenzene	2. 3						



Tax I.D. 62-0814289

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tern Technologies id Regonini 7 East Broadway Rd.

enix, AZ 85040

Quality Assurance Report Level II

L290875

		E29087	<b>'</b> 5					
rodibromomethane	mg/kg	0.193	0.202	4.49	17	77.2	L290571-04	WG297609
	ħ.	atrix Spi	ke Dunli	rate				
	.r. Tinite	MSD Res	Ref Res	RPD	Limit	%Rec	Ref Samp	Batch
<u>yte</u>	011100				-wit			
roethane	mg/kg	0.193	0.232	18.2	28	77.3	L290571-04	
roform	mg/kg	0.228	0.234	2.58	14	91.2	L290571-04	
romethane	mg/kg	0.175	0.209	17.5	19	70.1	L290571-04	
1,2-Dichloroethene	mg/kg	0.217	0.238	9.27	12	86.7	L290571-04	MG297609
1,3-Dichloropropene	mg/kg	0.167	0.179	6.86	16	66.9 90.4	L290571-04 L290571-04	
sopropyl ether	mg/kg	0.226	0.247	8.90 11.8	20 16	76.9	L290571-04	
omomethane	mg/kg	0.192 0.150	0.217 0.183	20.3	22	59.8	L290571-04	
lorodifluoromethane	mg/kg mg/kg	0.198	0.198	0.157	20	79.2	L290571-04	
lbenzene				0.909	22: -	67.8	L290571-04	
chlorobutadiene	mg/kg	0.200	0.202	1.02	20	80.2	L290571-04	WG297609
ropylbenzene yl tert-butyl ether	mg/kg	0.210	0.238	12.2	13	84.1	L290571-04	
ylene Chloride	mg/kg	0.238	0.265	10.7	16		L290571-04	WG297609
tylbenzene	mg/kg	0.187	0.190	1.56	22	74.8	L290571-04	
opylbenzene	mg/kg	0.190	0.191	0.462	19	76.0	L290571-04	
thalene	mg/kg	0.151	0.151	.: 0.0282		60.5	L290571-04 L290571-04	
opropyltoluene	mg/kg	0.179	0.178	0.592	21	71.7 78.3	L290571-04 L290571-04	
Butylbenzene	mg/kg	0.196	0.195	0.427 1.44	21 23	73.2	L290571-04	
ene	mg/kg	0.183 0.196	0.180 0.197	0.411	21	78.6	L290571-04	
-Butylbenzene	mg/kg mg/kg	0.201	0.202	0.348	21	80.4	L290571-04	
achloroethene	mg/kg	0.177	0.187	5,28	19	70.9	L290571-04	WG297609
ene s-1,2-Dichloroethene	mg/kg	0.207	0.228	9.77	20	82.6	L290571-04	
s-1,3-Dichloropropene	mg/kg	0.163	0.178	8.92	16	65.2	L290571-04	
hloroethene	mg/kg	0.226	0.228	1.06	18	90.3	:: L290571-04	
hlorofluoromethane	mg/kg	0.179	0.213	17.5	21	71.5	L290571-04	
1 chloride	mg/kg	0.174	0.208	17.4	24	69.8	L290571-04 L290571-04	
nes, Total	mg/kg	0.570	0.575	0.782	19	76.1	P5202 (T-04	WG297609
C22 Hydrocarbons	mg/kg	21.9	24.1	9.83	13	73.0	L290875-04	WG297626
C32 Hydrocarbons	mg/kg	21.7	23.0	5.78	13	72.4	L290875-04	WG297626
3 2 Metrochloroethane	mg/kg	0.163	0.151	7.53	18	65.1	L290483-02	WG297644
1,2-Tetrachloroethane 1-Trichloroethane	mg/kg	0.217	0.199	8.81	17	86.9		
2,2-Tetrachloroethane	mg/kg	0.173	0.178	3.20	14	69.0	L290483-02	
2-Trichloroethane	mg/kg	0.196	0.203	3.70	19	78.3	L290483-02	
2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.152	0.121	23.1	20	57.7	L290483-02	
Dichloroethane	mg/kg	0.229	0.226	1.31	16	91.5	L290483-02 L290483-02	
Dichloroethene	mg/kg	0.194	0.181	6.94	20 21	77.6 72.2	L290483-02	
Dichloropropene	mg/kg	0.180	0.162 0.0364	10.9 17.9	23	17.4	L290483~02	
3-Trichlorobenzene	mg/kg	0.0436 0.196	0.195	0.446	16	78.5	L290483-02	
3-Trichloropropane	mg/kg mg/kg	0.0890	0.0677	27.1	14	35.6	L290483-02	
3-Trimethylbenzene	mg/kg	0.0435	0.0337	25.3	24	17.4	L290483-02	
4-Trichlorobenzene 4-Trimethylbenzene	mg/kg	0.0853	0.0645	27.8	23	34.1	L290483-02	WG297644
Dibromo-3-Chloropropane	mg/kg	0.145	0.164	12.0	24	58.0	L290483-02	
Dibromoethane	mg/kg	0.203	0.204	0.882	16	81.1	L290483-02	
Dichlorobenzene	mg/kg	0.0920	0.0747	20.7	19	36.8	L290483~02	
Dichloroethane	mg/kg	0.249	0.259	3.64	14	99.7	L290483-02	
Dichloropropane	mg/kg	0.206	0.210	1.93	16	82.5	L290483-02	
5-Trimethylbenzene	mg/kg	0.0803	0.0615	26.6	19	32.1	L290483-02 L290483-02	
Dichlorobenzene	mg/kg	0.0858	0.0701	20.1 1.37	18 16	34.3 77.1	L290483-02	
Dichloropropane	mg/kg	0.193	0.190 0.0714	20.0	18	34.9	L290483-02	
Dichlorobenzene	mg/kg	0.0872 0.212	0.0714	1.16	18	84.9	L290483-02	
Dichloropropane	mg/kg mg/kg	1.17	1.29	10.1	21	93.3	L290483-02	
tanone (MEK)	mg/kg	1.45	1.29	11.3	13	116.	L290483-02	
loroethyl vinyl ether	mg/kg	0.101	0.0798	23.1	20	40.3	L290483-02	
lorotoluene	mg/kg	0.101	0.0788	24.4	19	40.3	L290483-02	WG297644
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L290483-02 WG297644

L290483-02 WG297644

L290483-02 WG297644

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L290483-02 WG297644

L290483-02 WG297644

L290880-01 WG297742

46.0 L290483-02 WG297644

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stern Technologies vid Regonini 37 East Broadway Rd.

penix, AZ 85040

rene

iene

cury

:-Butylbenzene

rachloroethene

chloroethene

/l chloride

enes, Total

ıs-1,2-Dichloroethene

chlorofluoromethane

is-1,3-Dichloropropene

Quality Assurance Report Level II

L290875

May 02, 2007

sthul-2-pentanone	(MTBK)	ma/ka

ethyl-2-pentanone (MIBK)	mg/kg	1.04	1.07	2.81	20	82.9	L290483-02	WG297644
A								
	Ma	trix Spil	ce Dabiic	ate	* 1 2	8 D	Dof Comm	Datab
lyte	Units N	MSD Res I	Rei Res	RPD	Limit	*ReC	Ref Samp	Batch
	25		1 05	5 75	23	94.7	L290483-02	WC207644
tone	mg/kg	1.18	1.25	5.75	20	92.9	L290483-02	
ylonitrile	mg/kg	1.16	1.26	8.26	15	86.0	L290483-02	
zene	mg/kg	0.215	0.208	3.41	19	53.6	L290483-02	
nobenzene	mg/kg	0.134	0.121	9.88	15		L290483-02	
nodichloromethane	mg/kg	0.209	0.205	1.76	21	83.5 71.9	L290483-02	
noform	mg/kg	0.180	0.175	2.51 9.03	30: :	74.9	L290483-02	
nomethane	mg/kg	0.187	0.205		22	77.5	L290483-02	
oon tetrachloride	mg/kg	0.194	0.166	15.3	22	77.5 59.9	L290483-02	
orobenzene	mg/kg	0.150	0.134	11.0 2.50		79.3	L290483-02	
prodibromomethane	mg/kg	0.198	0.193		28	73.0	L290483-02	
proethane	mg/kg	0.183	0.180	1.47 1.62	14	87.6	L290483-02	
proform	mg/kg	0.219	0.215	4.59	19	75.2	L290483-02	
promethane	mg/kg	0.188	0.179	0.472	12	87.3	L290483-02	
-1,2-Dichloroethene	mg/kg	0.218	0.217	1.91	16	79.7	L290483-02	
-1,3-Dichloropropene	mg/kg	0.199	0.195	0.0113		94.8	L290483-02	
isopropyl ether	mg/kg	0.237	0.237	4.83	20 :: 16	88.6	L290483-02	
comomethane	mg/kg	0.221	0.232	3.07	22	90.6	L290483-02	
ılorodifluoromethane	mg/kg	0.226	0.220	20.7	20	49.2	L290483-02	
lbenzene	mg/kg	0.123	0.100	48.3	22	12.5	L290483-02	
achlorobutadiene	mg/kg	0.0313	0.0191	27.4	20	38.2	L290483-02	
propylbenzene	mg/kg	0.0954	0.0724	11.3	13	85.4	L290483-02	
nyl tert-butyl ether	mg/kg	0.214 0.191	0.239	0.0666		76.3	L290483-02	
nylene Chloride	mg/kg	0.191	0.0310	41.7	22	18.9	L290483-02	
itylbenzene	mg/kg	0.0473	0.0500		19	32.7	L290483-02	
ropylbenzene	mg/kg	0.0761	0.0641	17.2	22	30.4	L290483-02	
nthalene	mg/kg	0.0761	0.0426	36.6	21	24.7	L290483-02	
sopropyltoluene	mg/kg	0.0626	0.0428	36.8	21	25.0	L290483-02	
-Butylbenzene	mg/kg	0.0626	0.0431	13.9	23	55.9	L290483-02	

0.122

0.0531

0.0863

0.152

0.193

0.211

0.166

0.179

0.180

0.302

0.263

13.9

34.4

28.5

9.15

4.98

2.61

7.65

2.02

1.53

19.8

12.6

23

21

21

19

20

16

18

21

24

19

55.9

30.1

66.8

81.1

82.3

75.5

77.4

73.6

49.1

95.6

atch number /Run number / Sample number cross reference

WG297537: R316055: L290875-01 WG297609: R316067: L290875-01 03 WG297614: R316174: L290875-01 02 WG297644: R316176: L290875-04 05 WG297742: R316257: L290875-01

WG297626: R316286: L290875-01 03 04 05

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

mg/kg

0.140

0.115

0.167

0.203 0.206

0.189

0.194

0.184

0.368

0.259

0.0752

<sup>\* \*</sup> Calculations are performed prior to rounding of reported values .



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oenix, AZ 85040

Quality Assurance Report Level II

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May 02, 2007

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

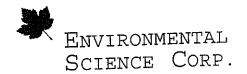
Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

Liter PROMOTIONS	(R)									unitive time .	- white and			Prepared by:	Page of
17, AZ - RSB40								1,00/10	QM/	. Inches de la constant de la consta	14.5			ENVIRO SCIENC 12065 Leb	E CORP.
Period David Kyzmini		Email	to:	1.000	WT-US. CL	'nη		05/2						Mt. Juliet, T	'N 37122
Project Washington Par	r k,	······································	City/Sate Collected	<u> </u>		· · ·		Q	209/0					· ·	5) 758-5858 00) 767-5859
	Client Project #		ESC Key	:			360	15/2	305	8					(5) 758-5859
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'Matrix: SS - Soil/Solid GW - Gro	undwater WW	- WasteWater	DW - Drin	iking Water	_								pH	Ter	
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Relinguished by: (Signature)	// हिंबीहर	n Jing		ved try/ (Sigr	Mu	<u> </u>			□ F	FedEx	eturned Cour	ier 🗆			(lab use only)
Polinquished by: (Signature)	Date:	Time:		ved by. Sigr	*****				Tel	یم:mp: کارد		Bottles /	Received:		an
Relinquished by: (Signature)	Date:	Time:	Rece	iwad for lab	by: (Signatu	(8),	2		11.22	ate: ! 27. i		Time: O9G	رح	pH Checked:	NCF:

Dupont Circle – East End Septic System Characterization Samples WT Job No. 2187JK136



Tax I.D. 62-0814289

Est. 1970

David Regonini Western Technologies 3737 East Broadway Rd.

Phoenix, AZ 85040

Report Summary

Wednesday May 02, 2007

Report Number: L290880
Samples Received: 04/27/07
Client Project: 2187JK136

Description: Washington Park Infrastructure

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Reviewed By:

rays Johnson; Esc Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 09227, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487 GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140 NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233 AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, WA - C1915



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

May 02, 2007

ESC Sample # : L290880-01

April 27, 2007 Date Received : Description :

Washington Park Infrastructure

Site ID :

E-OUTLET Project # : 2187JK136 Sample ID

Collected By : Josh Konnenberg Collection Date : 04/26/07 13:42

Collection Date : 04/26/07 13:42						m.13
Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Parameter	0.020	0.020	mq/kg	7471	04/30/07	1
Mercury	0.020	0.0	• •		- / / 0 0 / 0 7	-
	3.9	1.0	mg/kg	6010B	04/29/07	1 1
Arsenic	89.	0.25	mg/kg	6010B	04/29/07	ì
Barium	1.2	0.25	mg/kg	6010B	04/29/07	i
Cadmium	9.8	0.50	mg/kg	6010B	04/29/07	1
Chromium	7.5	0.25	mg/kg	6010B	04/29/07	1
Lead	BDL	1.0	mg/kg	601.0B	04/29/07	1
Selenium	BDL	0.50	mg/kg	6010B	04/29/07	7
Silver	BDU	• • • •	<b>-</b>			
Volatile Organics	BDL	2.5	mg/kg	8260B	04/28/07	50
Acetone	BDL	0.50	mg/kg	8260B	04/28/07	50
Acrylonitrile	BDL	0.050	mg/kg	8260B	04/28/07	50
Benzene	BDL	0.050	mg/kg	8260B	04/28/07	50
Bromobenzene	BDL	0.050	mg/kg	8260B	04/28/07	50
Bromodichloromethane	BDL	0.050	mg/kg	8260B	04/28/07	50
Bromoform	BDL	0.25	mg/kg	8260B	04/28/07	50
Bromomethane	BDL	0.050	mg/kg	8260B	04/28/07	50
n-Butvlbenzene	BDL	0.050	mg/kg	8260B	04/28/07	50
sec-Butylbenzene	BDL	0.050	mg/kg	8260B	04/28/07	50
tert-Butvlbenzene		0.050	mg/kg	8260B	04/28/07	50
Carbon tetrachloride	BDL	0.050	mq/kg	8260B	04/28/07	50
Chlorobenzene	BDL BDL	0.050	mg/kg	8260B	04/28/07	50
Chlorodibromomethane		0.050	mg/kg	8260B	04/28/07	50
chloroethane	BDL	2.5	mg/kg	8260B	04/28/07	50
2-Chloroethyl vinyl ether	BDL	0.25	mg/kg	8260B	04/28/07	50
Chloroform	BDL	0.050	mg/kg	8260B	04/28/07	50
Chloromethane	BDL	0.050	mg/kg	8260B	04/28/07	50
2-Chlorotoluene	BDL	0.050	mg/kg	8260B	04/28/07	50
4-Chlorotoluene	BDL	0.25	mg/kg	8260B	04/28/07	50
1.2-Dibromo-3-Chloropropane	BDL	0.050	mg/kg	8260B	04/28/07	50
1,2-Dibromoethane	BDL	0.050	mg/kg	8260B	04/28/07	50
Dibromomethane	BDL	0.050	mg/kg	8260B	04/28/07	50
1,2-Dichlorobenzene	BDL	0.050	mg/kg	8260B	04/28/07	50
1,3-Dichlorobenzene	BDL	0.050	mg/kg	8260B	04/28/07	50
1 4-Dichlorobenzene	BDL	0.050	mg/kg	8260B	04/28/07	50
Dichlorodifluoromethane	$\mathtt{BDL}$	0.050	mg/kg	8260B	04/28/07	50
1,1-Dichloroethane	BDL	0.050	mg/kg	8260B	04/28/07	50
1,2-Dichloroethane	BDL		mg/kg	8260B	04/28/07	50
1 1-Dichloroethene	BDL	0.050	mg/kg	8260B	04/28/07	50
cis-1 2-Dichloroethene	BDL	0.050	mg/kg	8260B	04/28/07	50
trans-1,2-Dichloroethene	BDL	0.050	mg/kg	8260B	04/28/07	50
1,2-Dichloropropane	$\mathtt{BDL}$	0.050		8260B	04/28/07	50
1,1-Dichloropropene	BDL	0.050	mg/kg	02002		

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
L290880-01 (V8260) - Cannot run lower, client sent only MeOH vial.



Tax I.D. 62-0814289

Est. 1970

# REPORT OF ANALYSIS

David Regonini Western Technologies May 02, 2007

Site ID :

3737 East Broadway Rd. Phoenix, AZ 85040

ESC Sample # : L290880-01

Date Received :

April 27, 2007

Description

: Washington Park Infrastructure

Sample ID

E-OUTLET

Project # : 2187JK136

Collected By : Josh Konnenberg Collection Date : 04/26/07 13:42

Parameter.	Result	Det. Limit	Units	Method	Date	Dil.
Parameter				20500	04/28/07	50
1.3-Dichloropropane	BDL	0.050	mg/kg	8260B	04/28/07	50
cis-1,3-Dichloropropene	BDL	0.050	mg/kg	8260B	04/28/07	50
trans-1,3-Dichloropropene	BDL	0.050	mg/kg	8260B	04/28/07	50
2,2-Dichloropropane	BDL	0.050	mg/kg	8260B	04/28/07	50
Di-isopropyl ether	$\mathtt{BDL}$	0.050	mg/kg	8260B	04/28/07	50
Ethylbenzene	BDL	0.050	mg/kg	8260B		50
Hexachlorobutadiene	BDL	0.050	mg/kg	8260B	04/28/07	50
Isopropylbenzene	BDL	0.050	mg/kg	8260B	04/28/07	
ISOPropyidenzene	BDL	0.050	mg/kg	8260B	04/28/07	50
p-Isopropyltoluene	$\mathtt{BDL}$	0.50	mg/kg	8260B	04/28/07	50
2-Butanone (MEK)	BDL	0.25	mg/kg	8260B	04/28/07	50
Methylene Chloride	BDL	0.50	mg/kg	8260B	04/28/07	50
4-Methyl-2-pentanone (MIBK)	BDL	0.050	mg/kg	8260B	04/28/07	50
Methyl tert-butyl ether	BDL	0.25	mq/kg	8260B	04/28/07	50
Naphthalene	BDL	0.050	mg/kg	8260B	04/28/07	50
n-Propylbenzene	BDL	0.050	mg/kg	8260B	04/28/07	50
Styrene	BDL	0.050	mg/kg	8260B	04/28/07	50
1,1,1,2-Tetrachloroethane	BDL	0.050	mg/kg	8260B	04/28/07	50
1,1,2,2-Tetrachloroethane	BDL	0.050	mg/kg	8260B	04/28/07	50
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.050	mg/kg	8260B	04/28/07	50
Tetrachloroethene	BDL	0.25	mg/kg	8260B	04/28/07	50
Toluene		0.050	mg/kg	8260B	04/28/07	50
1,2,3-Trichlorobenzene	BDL	0.050	mg/kg	8260B	04/28/07	50
1 2 4-Trichlorobenzene	BDL	0.050	mg/kg	8260B	04/28/07	50
1 1.1-Trichloroethane	BDL,	0.050	mg/kg	8260B	04/28/07	50
1.1.2-Trichloroethane	BDL		mg/kg	8260B	04/28/07	50
Trichloroethene	BDL	0.050	mg/kg	8260B	04/28/07	50
Trichlorofluoromethane	BDL	0.050	1119/129 mg/leg	8260B	04/28/07	50
1,2,3-Trichloropropane	BDL	0.050	mg/kg	8260B	04/28/07	50
1,2,4-Trimethylbenzene	BDL	0.050	mg/kg	8260B	04/28/07	50
1,2,3-Trimethylbenzene	$\mathtt{BDL}$	0.050	mg/kg	8260B	04/28/07	50
1,3,5-Trimethylbenzene	$\mathtt{BDL}$	0.050	mg/kg	8260B	04/28/07	50
Vinyl chloride	$\mathtt{BDL}$	0.050	mg/kg	8260B 8260B	04/28/07	50
Xylenes, Total	$\mathtt{BDL}$	0.15	mg/kg	82608	04/20/07	20
Surrogate Recovery				00600	04/28/07	50
Toluene-d8	98.4		% Rec.	8260B	04/28/07	50
Dibromofluoromethane	92.0		% Rec.	8260B		50
4-Bromofluorobenzene	122.		% Rec.	8260B	04/28/07	50
4-BIOMOLIMOLODEHZEHE				_	0./20/25	2
C10-C22 Hydrocarbons	$\mathtt{BDL}$	30.	mg/kg	8015AZ	04/30/07	1
C22-C32 Hydrocarbons	BDL	50.	mg/kg	8015AZ	04/30/07	1
C22-C32 Hydrocarbons						
Polychlorinated Biphenyls		2 27 5	/l-~	8082	04/30/07	1
PCB 1016	$\mathtt{BDL}$	0.017	mg/kg	8082	04/30/07	ī
PCB 1221	$\mathtt{BDL}$	0.017	mg/kg	0002	0=150101	-

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
L290880-01 (V8260) - Cannot run lower, client sent only MeOH vial.



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

May 02, 2007

ESC Sample # : L290880-01

Date Received :

April 27, 2007

Description :

Washington Park Infrastructure

Sample ID

E-OUTLET

Site ID :

Project # : 2187JK136

Collected By : Josh Konnenberg Collection Date : 04/26/07 13:42 Josh Konnenberg

December	Result	Det. Limit	Units	Method	Date	Dil.
Parameter  PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260 PCBS Surrogates	BDL BDL BDL BDL	0.017 0.017 0.017 0.017 0.017	mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082	04/30/07 04/30/07 04/30/07 04/30/07 04/30/07	1 1 1 1
Decachlorobiphenyl Tetrachloro-m-xylene	79.1 68.3		% Rec.	8082	04/30/07	1

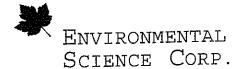
BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 05/02/07 12:25 Printed: 05/02/07 12:26 L290880-01 (V8260) - Cannot run lower, client sent only MeOH vial.



Tax I.D. 62-0814289

Est. 1970

# REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

May 02, 2007

ESC Sample # : L290880-02

April 27, 2007 Date Received :

Washington Park Infrastructure Description

Site ID :

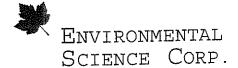
INLET-W Sample ID

Project # : 2187JK136

Collected By : Josh Konnenberg Collection Date : 04/26/07 13:56

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
	BDL	0.020	mg/kg	7471	04/30/07	1.
Mercury	חתפ	0.020	2,2			
	3.3	1.0	mg/kg	6010B	04/29/07	1
Arsenic	3.5 88.	0.25	mg/kg	6010B	04/29/07	1
Barium	1.4	0.25	mg/kg	6010B	04/29/07	1
Cadmium	10.	0.50	mg/kg	6010B	04/29/07	1
Chromium	8.6	0.25	mg/kg	6010B	04/29/07	1
Lead		1.0	mg/kg	6010B	04/29/07	1
Selenium	1.4	0.50	mg/kg	6010B	04/29/07	1
Silver	BDL	0.50		<b>~~~</b>		
Volatile Organics	227	2.5	mg/kg	8260B	04/30/07	49.5
Acetone	BDL	0.50	mg/kg	8260B	04/30/07	49.5
Acrylonitrile	BDL	0.050	mg/kg	8260B	04/30/07	49.5
Benzene	BDL	0.050	mg/kg	8260B	04/30/07	49.5
Bromobenzene	BDL	0.050	mg/kg	8260B	04/30/07	49.5
Bromodichloromethane	BDL	0.050	mg/kg	8260B	04/30/07	49.5
Bromoform	BDL		mg/kg	8260B	04/30/07	49.5
Bromomethane	BDL	0.25	mg/kg	8260B	04/30/07	49.5
n-Butylbenzene	BDL	0.050	mg/kg	8260B	04/30/07	49.5
sec-Butylbenzene	BDL	0.050	119/149	8260B	04/30/07	49.5
tert-Butylbenzene	BDL	0.050	mg/kg mg/kg	8260B	04/30/07	49.5
Carbon tetrachloride	$\mathtt{BDL}$	0.050		8260B	04/30/07	49.5
Chlorobenzene	BDL	0.050	mg/kg mg/kg	8260B	04/30/07	49.5
Chlorodibromomethane	$\mathtt{BDL}$	0.050		8260B	04/30/07	49.5
Chloroethane	$\mathtt{BDL}$	0.050	mg/kg	8260B	04/30/07	49.5
2-Chloroethyl vinyl ether	BDL	2.5	mg/kg	8260B	04/30/07	49.5
Chloroform	BDL	0.25	mg/kg	8260B	04/30/07	49.5
Chloromethane	$\mathtt{BDL}$	0.050	mg/kg	8260B	04/30/07	49.5
2-Chlorotoluene	BDL	0.050	mg/kg	8260B 8260B	04/30/07	49.5
4-Chlorotoluene	$\mathtt{BDL}$	0.050	mg/kg	8260B	04/30/07	49.5
1,2-Dibromo-3-Chloropropane	BDL	0.25	mg/kg	8260B	04/30/07	49.5
1,2-Dibromoethane	$\mathtt{BDL}$	0.050	mg/kg	8260B	04/30/07	49.5
Dibromomethane	$\mathtt{BDL}$	0.050	mg/kg	8260B	04/30/07	49.5
1,2-Dichlorobenzene	$\mathtt{BDL}$	0.050	mg/kg		04/30/07	49.5
1,3-Dichlorobenzene	$\mathtt{BDL}$	0.050	mg/kg	8260B	04/30/07	49.5
1,4-Dichlorobenzene	$\mathtt{BDL}$	0.050	mg/kg	8260B	04/30/07	49.5
Dichlorodifluoromethane	$\mathtt{BDL}$	0.050	mg/kg	8260B		49.5
1,1-Dichloroethane	$\mathtt{BDL}$	0.050	mg/kg	8260B	04/30/07 04/30/07	49.5
1,2-Dichloroethane	BDL	0.050	mg/kg	8260B	04/30/07	49.5
1,1-Dichloroethene	BDL	0.050	mg/kg	8260B		49.5
cis-1,2-Dichloroethene	$\mathtt{BDL}$	0.050	mg/kg	8260B	04/30/07	49.5
trans-1,2-Dichloroethene	BDL	0.050	mg/kg	8260B	04/30/07	
1,2-Dichloropropane	BDL	0.050	mg/kg	8260B	04/30/07	49.5
1,1-Dichloropropene	BDL	0.050	mg/kg	8260B	04/30/07	49.5

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
L290880-02 (V8260) - Cannot run lower, client sent only MeOH vial.



Tax I.D. 62-0814289

Est. 1970

## REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040 May 02, 2007

ESC Sample # : L290880-02

April 27, 2007 Date Received :

Washington Park Infrastructure Description :

Site ID :

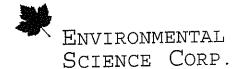
INLET-W Sample ID

Project # : 2187JK136

Collected By : Josh Konnenberg 04/26/07 13:56 Collection Date :

Collection Date : 04/20/07 15:50	Result	Det. Limit	Units	Method	Date	Dil.
Parameter	Result	Dec. Dimite	0,,,,,,,,			
	777	0.050	mg/kg	8260B	04/30/07	49.5
1,3-Dichloropropane	BDL	0.050	mg/kg	8260B	04/30/07	49.5
cis-1,3-Dichloropropene	BDL	0.050	mg/kg	8260B	04/30/07	49.5
trans-1,3-Dichloropropene	BDL		mg/kg	8260B	04/30/07	49.5
2.2-Dichloropropane	BDL	0.050		8260B	04/30/07	49.5
Di-isopropyl ether	$\mathtt{BDL}$	0.050	mg/kg	8260B	04/30/07	49.5
Ethylbenzene	$\mathtt{BDL}$	0.050	πg/kg	8260B	04/30/07	49.5
Hexachlorobutadiene	$\mathtt{BDL}$	0.050	mg/kg		04/30/07	49.5
Isopropylbenzene	$\mathtt{BDL}$	0.050	mg/kg	8260B	04/30/07	49.5
p-Isopropyltoluene	BDL	0.050	mg/kg	8260B	04/30/07	49.5
2-Butanone (MEK)	$\mathtt{BDL}$	0.50	mg/kg	8260B	04/30/07	49.5
Methylene Chloride	BDL	0.25	mg/kg	8260B		49.5
4-Methyl-2-pentanone (MIBK)	$\mathtt{BDL}$	0.50	mg/kg	8260B	04/30/07	49.5
Methyl tert-butyl ether	BDL	0.050	mg/kg	8260B	04/30/07	
Wetuli cert-parly erver	BDL	0.25	mg/kg	8260B	04/30/07	49.5
Naphthalene	BDL	0.050	mg/kg	8260B	04/30/07	49.5
n-Propylbenzene	BDL	0.050	mg/kg	8260B	04/30/07	49.5
Styrene	BDL	0.050	mg/kg	8260B	04/30/07	49.5
1,1,1,2-Tetrachloroethane	BDL	0.050	mg/kg	8260B	04/30/07	49.5
1,1,2,2-Tetrachloroethane	BDL	0.050	mg/kg	8260B	04/30/07	49.5
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.050	mg/kg	8260B	04/30/07	49.5
Tetrachloroethene	BDL	0.25	mg/kg	8260B	04/30/07	49.5
Toluene	BDL	0.050	mg/kg	8260B	04/30/07	49.5
1,2,3-Trichlorobenzene		0.050	mg/kg	8260B	04/30/07	49.5
1.2.4-Trichlorobenzene	BDL	0.050	mg/kg	8260B	04/30/07	49.5
1.1.1-Trichloroethane	BDL	0.050	mg/kg	8260B	04/30/07	49.5
1.1.2-Trichloroethane	BDL		mg/kg	8260B	04/30/07	49.5
Trichloroethene	BDL	0.050	mg/kg	8260B	04/30/07	49.5
Trichlorofluoromethane	BDL	0.050		8260B	04/30/07	49.5
1,2,3-Trichloropropane	$\mathtt{BDL}$	0.050	mg/kg	8260B	04/30/07	49.5
1,2,4-Trimethylbenzene	BDL	0.050	mg/kg	8260B	04/30/07	49.5
1,2,3-Trimethylbenzene	$\mathtt{BDL}$	0.050	πg/kg	8260B	04/30/07	49.5
1,3,5-Trimethylbenzene	BDL	0.050	mg/kg		04/30/07	49.5
Vinyl chloride	BDL	0.050	mg/kg	8260B	04/30/07	49.5
Xylenes, Total	$\mathtt{BDL}$	0.15	mg/kg	8260B	04/30/07	455
Surrogate Recovery					04/20/07	49.5
Surrogate Recovery	96.1		% Rec.	8260B	04/30/07	
Toluene-d8 Dibromofluoromethane	101.		% Rec.	8260B	04/30/07	49.5
Dibromorluoromechane	115.		% Rec.	8260B	04/30/07	49.5
4-Bromofluorobenzene						
	18000	3000	mg/kg	8015AZ	05/01/07	100
C10-C22 Hydrocarbons	3800	1000	mg/kg	8015AZ	05/01/07	20
C22-C32 Hydrocarbons	3800	2000				
Polychlorinated Biphenyls	227	0.17	mg/kg	8082	05/01/07	10
PCB 1016	BDL		mg/kg	8082	05/01/07	10
PCB 1221	BDL	0.17	1119 / 129	3002		

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
L290880-02 (V8260) - Cannot run lower, client sent only MeOH vial.



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies May 02, 2007

3737 East Broadway Rd. Phoenix, AZ 85040

ESC Sample # : L290880-02

Date Received :

April 27, 2007

Description

Washington Park Infrastructure

Sample ID

INLET-W

Site ID :

Project # : 2187JK136

Collected By : Josh Konnenberg Collection Date : 04/26/07 13:56

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL	0.17 0.17 0.17 0.17 0.17	mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082	05/01/07 05/01/07 05/01/07 05/01/07 05/01/07	10 10 10 10
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	190. 135.		% Rec. % Rec.	8082 8082	05/01/07 05/01/07	10 10

BDL - Below Detection Limit

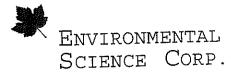
Det. Limit - Practical Quantitation Limit(PQL)

Note:

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 05/02/07 12:25 Printed: 05/02/07 12:26

L290880-02 (V8260) - Cannot run lower, client sent only MeOH vial.



Tax I.D. 62-0814289

Est. 1970

## REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

May 02, 2007

L290880-03 ESC Sample # :

Date Received

27, 2007 April

Description

Washington Park Infrastructure

Sample ID

SEPTIC-C-C

Site ID :

2187JK136 Project # :

Josh Konnenberg Collected By Collection Date :

04/26/07 14:30 Dil. Date Method Det. Limit Units Result Parameter 04/30/07 1.0 7471 mg/kg 0.20 4.3 Mercury 04/29/07 mg/kg 6010B 1.0 63. 04/29/07 1. Arsenic 6010B mg/kg 0.25 540 6010B 04/29/07 1 Barium mg/kg 0.25 65. 04/29/07 1 Cadmium 6010B 0.50 mg/kg 140 1 04/29/07 6010B Chromium mg/kg 0.25 1300 1 04/29/07 6010B Lead mg/kg 1.0 9.4 1 6010B 04/29/07 Selenium mg/kg 0.50 44. Silver 04/28/07 50 Volatile Organics mg/kg 8260B 2.5 BDL 04/28/07 50 8260B Acetone 0.50 mg/kg BDL Acrylonitrile 50 04/28/07 8260B mg/kg 0.050 BDL 04/28/07 50 Benzene mg/kg 8260B 0.050 BDL 04/28/07 50 Bromobenzene mg/kg 8260B BDL 0.050 04/28/07 04/28/07 50 Bromodichloromethane mg/kg 8260B 0.050 BDL Bromoform 8260B mg/kg 0.25 BDT. 50 04/28/07 Bromomethane 8260B mg/kg 0.050 BDL n-Butylbenzene 04/28/07 50 8260B mg/kg 0.050 BDL 04/28/07 50 sec-Butylbenzene mg/kg 8260B 0.050 BDL tert-Butylbenzene 04/28/07 50 mg/kg 8260B 0.050 BDL 04/28/07 50 Carbon tetrachloride 8260B 0.050 mg/kg  $\mathtt{BDL}$ 04/28/07 50 Chlorobenzene 8260B mg/kg 0.050 BDL Chlorodibromomethane 50 04/28/07 8260B mg/kg 0.050 BDL 04/28/07 50 mg/kg Chloroethane 8260B 2.5 BDL 2-Chloroethyl vinyl ether 50 04/28/07 8260B mg/kg 0.25 BDL 04/28/07 50 Chloroform mg/kg 8260B 0.050 BDL 04/28/07 50 Chloromethane 8260B mg/kg 0.050 BDL 2-Chlorotoluene 04/28/07 50 8260B 0.050 mg/kg BDL 04/28/07 50 4-Chlorotoluene mg/kg 8260B 0.25 1,2-Dibromo-3-Chloropropane BDL 04/28/07 50 mg/kg 8260B 0.050 BDL 1,2-Dibromoethane 04/28/07 50. 8260B mg/kg 0.050 BDL 50 04/28/07 Dibromomethane 0.050 mg/kg 8260B BDL 1,2-Dichlorobenzene 04/28/07 50 mg/kg 8260B 0.050 BDL 04/28/07 50 1,3-Dichlorobenzene mg/kg 8260B 0.050 0.14 04/28/07 50 1,4-Dichlorobenzene 8260B mg/kg 0.050 BDL 50 Dichlorodifluoromethane 04/28/07 8260B mg/kg 0.050 BDL 1,1-Dichloroethane 04/28/07 50 mg/kg 8260B 0.050 BDL 1,2-Dichloroethane 04/28/07 50 mg/kg 8260B 0.050 BDL 04/28/07 50 1,1-Dichloroethene 8260B 0.050 mg/kg BDL: cis-1,2-Dichloroethene 04/28/07 50 8260B mg/kg 0.050 BDL trans-1,2-Dichloroethene 04/28/07 50 8260B mg/kg 0.050 BDL 04/28/07 1,2-Dichloropropane 50 mg/kg 8260B 0.050 BDL

BDL - Below Detection Limit

1,1-Dichloropropene

Det. Limit - Practical Quantitation Limit(PQL)

L290880-03 (V8260) - Cannot run lower, client sent only MeOH vial.



Tax I.D. 62-0814289

Est. 1970

# REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

May 02, 2007

Site ID :

ESC Sample # : L290880-03

Project # : 2187JK136

Date Received :

April 27, 2007

Description :

Washington Park Infrastructure

Sample ID

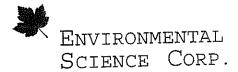
SEPTIC-C-C

Collected By : Josh Konnenberg Collection Date : 04/26/07 14:30

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
1 (12 (11) (10)		0.050	mg/kg	8260B	04/28/07	50
1,3-Dichloropropane	BDL	0.050 0.050	mg/kg	8260B	04/28/07	50
cis-1,3-Dichloropropene	BDL		mg/kg	8260B	04/28/07	50
trans-1,3-Dichloropropene	BDL	0.050	mg/kg	8260B	04/28/07	50
2.2-Dichloropropane	BDL	0.050		8260B	04/28/07	50
Di-isopropyl ether	BDL	0.050	mg/kg mg/kg	8260B	04/28/07	50
Ethylbenzene	BDL.	0.050		8260B	04/28/07	50
Hexachlorobutadiene	BDL	0.050	mg/kg	8260B	04/28/07	50
Isopropylbenzene	$\mathtt{BDL}$	0.050	mg/kg	8260B	04/28/07	50
p-Isopropyltoluene	BDL	0.050	mg/kg	8260B	04/28/07	50
2-Butanone (MEK)	BDL	0.50	mg/kg	8260B	04/28/07	50
Methylene Chloride	BDL	0.25	mg/kg	8260B	04/28/07	50
4-Methyl-2-pentanone (MIBK)	BDL	0.50	mg/kg	8260B 8260B	04/28/07	50
Methyl tert-butyl ether	$\mathtt{BDL}$	0.050	mg/kg		04/28/07	50
Naphthalene	$\mathtt{BDL}$	0.25	mg/kg	8260B	04/28/07	50
n-Propylbenzene	BDL	0.050	mg/kg	8260B	04/28/07	50
Styrene	BDL	0.050	mg/kg	8260B		50
1,1,1,2-Tetrachloroethane	BDL	0.050	mg/kg	8260B	04/28/07	50
1,1,2,2-Tetrachloroethane	BDL	0.050	mg/kg	8260B	04/28/07	50
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.050	mg/kg	8260B	04/28/07	50 50
Tetrachloroethene	BDL	0.050	mg/kg	8260B	04/28/07	50 50
Toluene	BDL	0.25	mg/kg	8260B	04/28/07	
1,2,3-Trichlorobenzene	$\mathtt{BDL}$	0.050	mg/kg	8260B	04/28/07	50
1,2,4-Trichlorobenzene	BDL	0.050	mg/kg	8260B	04/28/07	50
1,1,1-Trichloroethane	$\mathtt{BDL}$	0.050	mg/kg	8260B	04/28/07	50
1,1,2-Trichloroethane	BDL	0.050	mg/kg	8260B	04/28/07	50
1,1,2-Trichioroechane	BDL	0.050	mg/kg	8260B	04/28/07	50
Trichloroethene Trichlorofluoromethane	BDL	0.050	mg/kg	8260B	04/28/07	50
Triculoroffuoromechane	BDL	0.050	mg/kg	8260B	04/28/07	50
1,2,3-Trichloropropane	BDL	0.050	mg/kg	8260B	04/28/07	50
1,2,4-Trimethylbenzene	BDL	0.050	mg/kg	8260B	04/28/07	50
1,2,3-Trimethylbenzene	BDL	0.050	mg/kg	8260B	04/28/07	50
1,3,5-Trimethylbenzene	BDL	0.050	mg/kg	8260B	04/28/07	50
Vinyl chloride	BDL	0.15	mq/kg	8260B	04/28/07	50
Xylenes, Total	223		5			
Surrogate Recovery	94.6		% Rec.	8260B	04/28/07	50
Toluene-d8	93.6		% Rec.	8260B	04/28/07	50
Dibromofluoromethane	124.		% Rec.	8260B	04/28/07	50
4-Bromofluorobenzene	124.					
	2700	600	mq/kq	8015AZ	05/01/07	20
C10-C22 Hydrocarbons	4000	1000	mg/kg	8015AZ	05/01/07	20
C22-C32 Hydrocarbons	4000	2002				
Polychlorinated Biphenyls		0.40	//	8082	05/01/07	40
PCB 1016	BDL	0.68	mg/kg	8082	05/01/07	40
PCB 1221	BDL	0.68	mg/kg	0002	03/01/01	

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL) L290880-03 (V8260) - Cannot run lower, client sent only MeOH vial.



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

Sample ID

May 02, 2007

ESC Sample # : L290880-03

27, 2007 Date Received : April

Washington Park Infrastructure Description :

Site ID :

SEPTIC-C-C Project # : 2187JK136

Collected By : Collection Date : Josh Konnenberg 04/26/07 14:30

Collection Date: 04/26/07 14:30	- 1-	Det. Limit	Units	Method	Date	Dil.
Parameter	Result	Dec. Dimit	OHICS			
PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260 PCBS Surrogates Decachlorobiphenyl	BDL BDL BDL 7.8	0.68 0.68 0.68 0.68 0.68	mg/kg mg/kg mg/kg mg/kg mg/kg % Rec. % Rec.	8082 8082 8082 8082 8082 8082 8082	05/01/07 05/01/07 05/01/07 05/01/07 05/01/07 05/01/07	40 40 40 40 40 40
Tetrachloro-m-xylene	0.00		5 ACC.			
Polynuclear Aromatic Hydrocarbons Anthracene Acenaphthene Acenaphthylene Benzo(a) anthracene Benzo(a) pyrene Benzo(b) fluoranthene Benzo(g, h, i) perylene Benzo(k) fluoranthene Chrysene Dibenz(a, h) anthracene Fluoranthene Fluorene Indeno(1,2,3-cd) pyrene 1-Methylnaphthalene 2-Methylnaphthalene Naphthalene Phenanthrene Pyrene Surrogate	BDL BDL BDL 0.26 0.50 BDL 0.72 BDL BDL BDL BDL BDL BDL BDL BDL BDL BDL	0.020 0.020 0.020 0.020 0.020 0.020 0.020 0.020 0.020 0.020 0.020 0.020 0.020 0.020 0.020 0.020	mg/kg mg/kg	8310 8310 8310 8310 8310 8310 8310 8310	05/01/07 05/01/07 05/01/07 05/01/07 05/01/07 05/01/07 05/01/07 05/01/07 05/01/07 05/01/07 05/01/07 05/01/07 05/01/07 05/01/07 05/01/07	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

BDL - Below Detection Limit

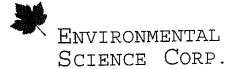
Det. Limit - Practical Quantitation Limit(PQL)

The reported analytical results relate only to the sample submitted.

This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 05/02/07 12:25 Printed: 05/02/07 12:26

L290880-03 (V8260) - Cannot run lower, client sent only MeOH vial.



Tax I.D. 62-0814289

Est. 1970

## REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

Sample ID

May 02, 2007

ESC Sample # : L290880-04

Project # : 2187JK136

Date Received :

April 27, 2007 Washington Park Infrastructure Description

Site ID :

SEPTIC-E 10

Collected By : Josh Konnenberg Collection Date : 04/26/07 15:44

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Mercury	BDL	0.020	mg/kg	7471	04/30/07	1
	BDL	5.0	mg/kg	6010B	04/29/07	5
Arsenic	83.	0.25	mg/kg	6010B	04/29/07	1
Barium	1.0	0.25	mg/kg	6010B	04/29/07	1
Cadmium	7.2	0.50	mg/kg	6010B	04/29/07	<u>1</u> 5
Chromium	8.2	1.2	mg/kg	6010B	04/29/07	5
Lead	1.4	1.0	mg/kg	6010B	04/29/07	1
Selenium	BDL	0.50	mg/kg	6010B	04/29/07	1
Silver	מחמ	0.50	a. v.a	00202		
Volatile Organics		3.0	mg/kg	8260B	04/28/07	61
Acetone	BDL	0.61	mg/kg	8260B	04/28/07	61
Acrylonitrile	BDL	0.061	mg/kg	8260B	04/28/07	61
Benzene	BDL	0.061	mg/kg	8260B	04/28/07	61
Bromobenzene	BDL		mg/kg	8260B	04/28/07	61
Bromodichloromethane	BDL	0.061	mg/kg	8260B	04/28/07	61
Bromoform	BDL	0.061	mg/kg	8260B	04/28/07	61
Bromomethane	BDL	0.30		8260B	04/28/07	61
n-Butylbenzene	BDL	0.061	mg/kg	8260B	04/28/07	61
sec-Butylbenzene	$\mathtt{BDL}$	0.061	mg/kg	8260B	04/28/07	61
tert-Butylbenzene	BDL	0.061	mg/kg	8260B	04/28/07	61
Carbon tetrachloride	BDL	0.061	mg/kg	8260B	04/28/07	61
Chlorobenzene	$\mathtt{BDL}$	0.061	mg/kg	8260B	04/28/07	61
Chlorodibromomethane	BDL	0.061	mg/kg		04/28/07	61
Chloroethane	$\mathtt{BDL}$	0.061	mg/kg	8260B	04/28/07	61
2-Chloroethyl vinyl ether	$\mathtt{BDL}$	3.0	mg/kg	8260B	04/28/07	61
Chloroform	$\mathtt{BDL}$	0.30	mg/kg	8260B		61
Chloromethane	$\mathtt{BDL}$	0.061	mg/kg	8260B	04/28/07	61
2-Chlorotoluene	BDL	0.061	mg/kg	8260B	04/28/07	
4-Chlorotoluene	$\mathtt{BDL}$	0.061	mg/kg	8260B	04/28/07	61
1,2-Dibromo-3-Chloropropane	BDL	0.30	mg/kg	8260B	04/28/07	61
1,2-Dibromoethane	$\mathtt{BDL}$	0.061	mg/kg	8260B	04/28/07	61
Dibromomethane	$\mathtt{BDL}$	0.061	mg/kg	8260B	04/28/07	61
1,2-Dichlorobenzene	$\mathtt{BDL}$	0.061	mg/kg	8260B	04/28/07	61
1,3-Dichlorobenzene	$\mathtt{BDL}$	0.061	mg/kg	8260B	04/28/07	61
1,4-Dichlorobenzene	BDL	0.061	mg/kg	8260B	04/28/07	61
Dichlorodifluoromethane	BDL	0.061	mg/kg	8260B	04/28/07	61
1,1-Dichloroethane	BDL	0.061	mg/kg	8260B	04/28/07	61
1,2-Dichloroethane	BDL	0.061	mg/kg	8260B	04/28/07	61
	BDL	0.061	mg/kg	8260B	04/28/07	61
1,1-Dichloroethene	BDL	0.061	mg/kg	8260B	04/28/07	61
cis-1,2-Dichloroethene	BDL	0.061	mg/kg	8260B	04/28/07	61
trans-1,2-Dichloroethene	BDL	0.061	mg/kg	8260B	04/28/07	61
1,2-Dichloropropane	BDL	0.061	mg/kg	8260B	04/28/07	61
1,1-Dichloropropene	מעפ	0.001			·	

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
L290880-04 (V8260) - Cannot run lower, client sent only MeOH vial.



Tax I.D. 62-0814289

Est. 1970

2187JK136

#### REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

May 02, 2007

Site ID :

Project # :

L290880-04 ESC Sample # :

Date Received

27, 2007 April

Description

Washington Park Infrastructure

Sample ID

SEPTIC-E 10

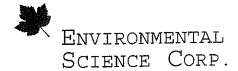
Collected By

Josh Konnenberg

04/26/07 15:44 Collection Date : Dil. Date Method Det. Limit Units Result Parameter 04/28/07 61 mg/kg 8260B 0.061 BDL 1,3-Dichloropropane 61 04/28/07 8260B mg/kg 0.061 BDI. cis-1,3-Dichloropropene 04/28/07 61. πg/kg 8260B 0.061 BDL trans-1,3-Dichloropropene 61 04/28/07 mg/kg 8260B BDL 0.061 2,2-Dichloropropane mg/kg 8260B 04/28/07 61 0.061 BDL Di-isopropyl ether 04/28/07 61, 8260B 0.061 mg/kg BDL Ethylbenzene 61 04/28/07 8260B mg/kg 0.061 BDL Hexachlorobutadiene 04/28/07 61 mq/kg 8260B 0.061 BDL Isopropylbenzene 04/28/07 61 mg/kg 8260B 0.061 BDL p-Isopropyltoluene 04/28/07 61 mg/kg 8260B 0.61 2-Butanone (MEK) Methylene Chloride BDL 04/28/07 61 8260B 0.30 mg/kg BDL 04/28/07 61 0.61 mg/kg 8260B 4-Methyl-2-pentanone (MIBK) BDL 04/28/07 61 mg/kg 8260B 0.061 BDL Methyl tert-butyl ether 8260B 04/28/07 61 mg/kg BDL 0.30 Naphthalene 04/28/07 61 8260B mg/kg 0.061 BDL n-Propylbenzene 04/28/07 61 8260B 0.061 mg/kg BDL Styrene 61 04/28/07 8260B mg/kg 0.061 1,1,1,2-Tetrachloroethane BDT. 04/28/07 61 mg/kg 8260B 0.061 BDL 1,1,2,2-Tetrachloroethane mg/kg 8260B 04/28/07 61 0.061 1,1,2-Trichloro-1,2,2-trifluoro BDL 04/28/07 8260B 61 mg/kg 0.061  $\mathtt{BDL}$ Tetrachloroethene 04/28/07 61 8260B BDL 0.30 mg/kg Toluene 8260B 04/28/07 61 mg/kg 0.061 1,2,3-Trichlorobenzene BDL 04/28/07 61 mg/kg 8260B 0.061  $\mathtt{BDL}$ 1,2,4-Trichlorobenzene 04/28/07 61 8260B mg/kg BDL 0.061 1,1,1-Trichloroethane mg/kg 8260B 04/28/07 61 0.061 1,1,2-Trichloroethane BDL 04/28/07 61 8260B 0.061 mg/kg BDL Trichloroethene 61 04/28/07 mg/kg 8260B 0.061 BDL Trichlorofluoromethane 04/28/07 61 0.061 mg/kg 8260B BDL 1,2,3-Trichloropropane mg/kg 8260B 04/28/07 61 0.061 1,2,4-Trimethylbenzene BDL 04/28/07 61 8260B mg/kg BDL 0.061 1,2,3-Trimethylbenzene 04/28/07 61 8260B 0.061 mg/kg BDT: 1,3,5-Trimethylbenzene 04/28/07 61 8260B mg/kg 0.061 BDL Vinyl chloride 04/28/07 8260B 61 mg/kg 0.18  $\mathtt{BDL}$ Xylenes, Total Surrogate Recovery 04/28/07 61 8260B % Rec. 98.8 Toluene-d8 04/28/07 61 8260B % Rec. Dibromofluoromethane 90.4 04/28/07 61 8260B % Rec. 137. 4-Bromofluorobenzene 8015AZ 05/01/07 1 mg/kg 30. BDL C10-C22 Hydrocarbons 05/01/07 1 mg/kg 8015AZ 50. RDT. C22-C32 Hydrocarbons Polychlorinated Biphenyls 04/30/07 8082 mg/kg BDL 0.017 PCB 1016 8082 04/30/07 7 0.017 mg/kg BDL PCB 1221

BDL - Below Detection Limit Det. Limit - Practical Quantitation Limit(PQL)

L290880-04 (V8260) - Cannot run lower, client sent only MeOH vial.



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

May 02, 2007

ESC Sample # : L290880-04

Date Received : :

April

27, 2007

Description

Washington Park Infrastructure

Site ID :

Sample ID

SEPTIC-E 10

Project # : 2187JK136

Collected By : Collection Date :

Josh Konnenberg 04/26/07 15:44

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL 0.092	0.017 0.017 0.017 0.017 0.017	mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082	04/30/07 04/30/07 04/30/07 04/30/07 04/30/07	1 1 1 1
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	89.2 86.0		% Rec. % Rec.	8082 8082	04/30/07 04/30/07	1 1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 05/02/07 12:25 Printed: 05/02/07 12:27 L290880-04 (V8260) - Cannot run lower, client sent only MeOH vial.



Tax I.D. 62-0814289

Est. 1970

## REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

May 02, 2007

Site ID :

ESC Sample # : L290880-05

Date Received :

April 27, 2007

Description :

Washington Park Infrastructure

Sample ID

SEPTIC-W 8

Project # : 2187JK136

Collected By : Josh Konnenberg Collection Date : 04/26/07 16:10

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
2 0,2 0,110 0 0 0		0.020	mg/kg	7471	04/30/07	1
Mercury	$\mathtt{BDL}$	0.020	119/19	7471	02/00/ 0.	
	BDL	5.0	mg/kg	6010B	04/29/07	5
Arsenic	81.	0.25	mg/kg	6010B	04/29/07	1
Barium	1.0	0.25	mg/kg	6010B	04/29/07	1
Cadmium	7.4	0.50	mg/kg	6010B	04/29/07	1
Chromium .	7.4 6.2	1.2	mg/kg	6010B	04/29/07	5
Lead		1.0	mg/kg	6010B	04/29/07	1
Selenium	BDL	0.50	mg/kg	6010B	04/29/07	1
Silver	BDL	0.30	g/ 11g	30202	,	
Volatile Organics	DDI	3.1	mg/kg	8260B	04/28/07	62
Acetone	BDL	0.62	mg/kg	8260B	04/28/07	62
Acrylonitrile	BDL	0.062	mg/kg	8260B	04/28/07	62
Benzene	BDL	0.062	mg/kg	8260B	04/28/07	62
Bromobenzene	BDL	0.062	mg/kg	8260B	04/28/07	62
Bromodichloromethane	BDL	0.062	mg/kg	8260B	04/28/07	62
Bromoform	BDL	0.31	mg/kg	8260B	04/28/07	62
Bromomethane	BDL	0.062	mg/kg	8260B	04/28/07	62
n-Butylbenzene	BDL	0.062	mg/kg	8260B	04/28/07	62
sec-Butylbenzene	BDL	0.062	mg/kg	8260B	04/28/07	62
tert-Butylbenzene	BDL	0.062	mg/kg	8260B	04/28/07	62
Carbon tetrachloride	BDL	0.062	mg/kg	8260B	04/28/07	62
Chlorobenzene	BDL	0.062	mg/kg	8260B	04/28/07	62
Chlorodibromomethane	BDL	0.062	mg/kg	8260B	04/28/07	62
Chloroethane	BDL	3.1	mg/kg	8260B	04/28/07	62
2-Chloroethyl vinyl ether	BDL		mg/kg	8260B	04/28/07	62
Chloroform	BDL	0.31	mg/kg	8260B	04/28/07	62
Chloromethane	BDL	0.062	mg/kg	8260B	04/28/07	62
2-Chlorotoluene	BDL	0.062	mg/kg	8260B	04/28/07	62
4-Chlorotoluene	BDL	0.062		8260B	04/28/07	62
1,2-Dibromo-3-Chloropropane	BDL	0.31	mg/kg	8260B	04/28/07	62
1,2-Dibromoethane	BDL	0.062	mg/kg	8260B	04/28/07	62.
Dibromomethane	$\mathtt{BDL}$	0.062	mg/kg	8260B	04/28/07	62
1,2-Dichlorobenzene	$\mathtt{BDL}$	0.062	mg/kg	8260B 8260B	04/28/07	62
1,3-Dichlorobenzene	$\mathtt{BDL}$	0.062	mg/kg		04/28/07	62
1,4-Dichlorobenzene	BDL	0.062	mg/kg	8260B	04/28/07	62
Dichlorodifluoromethane	$\mathtt{BDL}$	0.062	mg/kg	8260B	04/28/07	62
1,1-Dichloroethane	BDL	0.062	mg/kg	8260B	04/28/07	62
1,2-Dichloroethane	BDL	0.062	mg/kg	8260B	04/28/07	62
1,1-Dichloroethene	BDL	0.062	mg/kg	8260B	04/28/07	62
cis-1,2-Dichloroethene	$\mathtt{BDL}$	0.062	mg/kg	8260B		62
trans-1,2-Dichloroethene	BDL	0.062	mg/kg	8260B	04/28/07	
1,2-Dichloropropane	BDL	0.062	mg/kg	8260B	04/28/07	62
1,1-Dichloropropene	BDL	0.062	mg/kg	8260B	04/28/07	62

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
L290880-05 (V8260) - Cannot run lower, client sent only MeOH vial.



Tax I.D. 62-0814289

Est. 1970

# REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

May 02, 2007

Site ID :

ESC Sample # : L290880-05

Project # : 2187JK136

Date Received :

April 27, 2007

Description :

Washington Park Infrastructure

Sample ID

SEPTIC-W 8

Dilection Date : 04/26/07 16:10		Det. Limit	Units	Method	Date	Dil.
arameter	Result	Dec. Dimie				60
	BDL	0.062	mq/kg	8260B	04/28/07	62
1,3-Dichloropropane	BDL	0.062	mq/kg	8260B	04/28/07	62
cis-1.3-Dichloropropene		0.062	mg/kg	8260B	04/28/07	62
trans-1,3-Dichloropropene	BDL	0.062	mg/kg	8260B	04/28/07	62
2 2-Dichloropropane	BDL	0.062	mg/kg	8260B	04/28/07	62
Di-isopropyl ether	BDL	0.062	mg/kg	8260B	04/28/07	62
Ethylbenzene	$\mathtt{BDL}$	0.062	πg/kg	8260B	04/28/07	62
Hexachlorobutadiene	$\mathtt{BDL}$		mg/kg	8260B	04/28/07	62
Isopropylbenzene	BDL	0.062		8260B	04/28/07	62
p-Isopropyltoluene	$\mathtt{BDL}$	0.062	mg/kg	8260B	04/28/07	62
p-Isopropyreordene	BDL	0.62	mg/kg	'8260B	04/28/07	62
2-Butanone (MEK)	BDL	0.31	mg/kg	8260B	04/28/07	62
Methylene Chloride	BDL	0.62	mg/kg		04/28/07	62
4-Methyl-2-pentanone (MIBK)	BDL	0.062	mg/kg	8260B	04/28/07	62
Methyl tert-butyl ether	BDL	0.31	mg/kg	8260B	04/28/07	62
Nanhthalene	BDL	0.062	mg/kg	8260B		62
n-Propylbenzene	BDL	0.062	mg/kg	8260B	04/28/07	62
Styrene	BDL	0.062	mg/kg	8260B	04/28/07	
1,1,1,2-Tetrachloroethane	BDL	0.062	mg/kg	8260B	04/28/07	62
1 1 2 2 Tetrachloroethane		0.062	mg/kg	8260B	04/28/07	62
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.062	mg/kg	8260B	04/28/07	62
Tetrachloroethene	BDL	0.31	mg/kg	8260B	04/28/07	62
Toluene	$\mathtt{BDL}$		mg/kg	8260B	04/28/07	62
1,2,3-Trichlorobenzene	BDL	0.062	mg/kg	8260B	04/28/07	62
1,2,4-Trichlorobenzene	$\mathtt{BDL}$	0.062	mg/kg	8260B	04/28/07	62
1,1,1-Trichloroethane	$\mathtt{BDL}$	0.062		8260B	04/28/07	62
1,1,2-Trichloroethane	$\mathtt{BDL}$	0.062	πg/kg	8260B	04/28/07	62
1,1,2-Trichtoroechane	BDL	0.062	mg/kg		04/28/07	62
Trichloroethene	BDL	0.062	mg/kg	8260B	04/28/07	62
Trichlorofluoromethane	BDL	0.062	mg/kg	8260B	04/28/07	62
1,2,3-Trichloropropane	BDL	0.062	mg/kg	8260B	04/28/07	62
1,2,4-Trimethylbenzene	BDL	0.062	mg/kg	8260B		62
1,2,3-Trimethylbenzene	BDL	0.062	mg/kg	8260B	04/28/07	62
1.3.5-Trimethylbenzene	BDL	0.062	mq/kg	8260B	04/28/07	
Vinyl chloride		0.19	mg/kg	8260B	04/28/07	62
xvlenes, Total	BDL	0.12	5,5			
urrogate Recovery			% Rec.	8260B	04/28/07	62
Toluene-d8	98.3		% Rec.	8260B	04/28/07	62
Dibromofluoromethane	89.3		% Rec.	8260B	04/28/07	62
4-Bromofluorobenzene	128.		a Kec.	02002		
4-Bromoriacionenzene			/3	8015AZ	04/30/07	1
and in-dengarhous	$\mathtt{BDL}$	30.	mg/kg	8015AZ	04/30/07	1
C10-C22 Hydrocarbons	BDL	50.	mg/kg	QUIDMA	0.1,50,0.	_
C22-C32 Hydrocarbons						
- 12 desend Dinhonule				0.000	04/30/07	1
Polychlorinated Biphenyls	BDL	0.017	mg/kg	8082	04/30/07	ī
PCB 1016	BDL	0.017	mg/kg	8082	04/30/07	***
PCB 1221						

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
L290880-05 (V8260) - Cannot run lower, client sent only MeOH vial.



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

May 02, 2007

ESC Sample # : L290880-05

April 27, 2007 Date Received :

Washington Park Infrastructure Description

Site ID :

SEPTIC-W 8 Sample ID

Project # : 2187JK136

Collected By : Josh Konnenberg Collection Date : 04/26/07 16:10 Josh Konnenberg

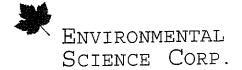
Collection back : t-, = -,	m 3 h	Det. Limit	Units	Method	Date	Dil.
PCB 1232 PCB 1242 PCB 1248 PCB 1254	Result BDL BDL BDL BDL	0.017 0.017 0.017 0.017	mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082	04/30/07 04/30/07 04/30/07 04/30/07 04/30/07	1 3 1 1
PCB 1260 PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	BDL 70.7 64.8	0.017	% Rec. % Rec.	8082 8082	04/30/07 04/30/07	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 05/02/07 12:25 Printed: 05/02/07 12:27 L290880-05 (V8260) - Cannot run lower, client sent only MeOH vial.



Tax I.D. 62-0814289

Est. 1970

## REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040 May 02, 2007

ESC Sample # : L290880-06

Date Received : April 27, 2007 Description : Washington Park Infrastructure

Sample ID

LPC 12

Site ID :

Project # : 2187JK136

Collected By : Josh Konnenberg Collection Date : 04/26/07 16:34

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Mercury	BDL₁	0.020	mg/kg	7471	04/30/07	1
Arsenic	2.6	1.0	mg/kg	6010B	04/29/07	1
Barium	60.	0.25	mg/kg	6010B	04/29/07	1
<del></del>	1.2	0.25	mg/kg	6010B	04/29/07	1
Cadmium	6.8	0.50	mg/kg	6010B	04/29/07	1
Chromium	8.5	0.25	mg/kg	6010B	04/29/07	1
Lead	BDL	1.0	mg/kg	6010B	04/29/07	1
Selenium	BDL	0.50	mg/kg	6010B	04/29/07	1
Silver	ממנו	0.20	ر برو			
Volatile Organics	*** *** T	2.6	mg/kg	8260B	04/30/07	52.5
Acetone	BDL	0.52	mg/kg	8260B	04/30/07	52.5
Acrylonitrile	BDL		mg/kg	8260B	04/30/07	52.5
Benzene	BDL	0.052		8260B	04/30/07	52.5
Bromobenzene	BDL	0.052	mg/kg	8260B	04/30/07	52.5
Bromodichloromethane	BDL	0.052	mg/kg	8260B	04/30/07	52.5
Bromoform	BDL	0.052	mg/kg	8260B	04/30/07	52.5
Bromomethane	BDL	0.26	mg/kg	8260B	04/30/07	52.5
n-Butylbenzene	BDL	0.052	mg/kg	8260B	04/30/07	52.5
sec-Butylbenzene	$\mathtt{BDL}$	0.052	mg/kg	8260B	04/30/07	52.5
tert-Butylbenzene	BDL	0.052	mg/kg	8260B	04/30/07	52.5
Carbon tetrachloride	BDL	0.052	mg/kg	8260B	04/30/07	52.5
Chlorobenzene	BDL	0.052	mg/kg	8260B	04/30/07	52.5
Chlorodibromomethane	BDL	0.052	mg/kg	8260B	04/30/07	52.5
Chloroethane	BDL	0.052	mg/kg		04/30/07	52.5
2-Chloroethyl vinyl ether	BDL	2.6	mg/kg	8260B 8260B	04/30/07	52.5
Chloroform	BDL	0.26	mg/kg	8260B	04/30/07	52.5
Chloromethane	BDL	0.052	mg/kg	8260B	04/30/07	52.5
2-Chlorotoluene	BDL	0.052	mg/kg		04/30/07	52.5
4-Chlorotoluene	$\mathtt{BDL}$	0.052	mg/kg	8260B	04/30/07	52.5
1,2-Dibromo-3-Chloropropane	$\mathtt{BDL}$	0.26	mg/kg	8260B	04/30/07	52.5
1,2-Dibromoethane	$\mathtt{BDL}$	0.052	mg/kg	8260B	04/30/07	52.5
Dibromomethane	BDL	0.052	mg/kg	8260B	04/30/07	52.5
1.2-Dichlorobenzene	BDL	0.052	mg/kg	8260B	04/30/07	52.5
1,3-Dichlorobenzene	BDL	0.052	mg/kg	8260B		52.5
1,4-Dichlorobenzene	BDL	0.052	mg/kg	8260B	04/30/07	52.5 52.5
Dichlorodifluoromethane	$\mathtt{BDL}$	0.052	mg/kg	8260B	04/30/07	52.5
1.1-Dichloroethane	BDL	0.052	mg/kg	8260B	04/30/07	
1,2-Dichloroethane	$\mathtt{BDL}$	0.052	mg/kg	8260B	04/30/07	52.5
1,1-Dichloroethene	BDL	0.052	mg/kg	8260B	04/30/07	52.5
cis-1,2-Dichloroethene	BDL	0.052	mg/kg	8260B	04/30/07	52.5
trans-1,2-Dichloroethene	BDL	0.052	mg/kg	8260B	04/30/07	52.5
1,2-Dichloropropane	$\mathtt{BDL}$	0.052	mg/kg	8260B	04/30/07	52.5
1,1-Dichloropropene	BDL	0.052	mg/kg	8260B	04/30/07	52.5
z, z Dadiroroproposio						

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL) L290880-06 (V8260) - Cannot run lower, client sent only MeOH vial.



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

May 02, 2007

ESC Sample # : L290880-06

Date Received : April Description : Washing

27, 2007

Washington Park Infrastructure

Sample ID

LPC 12 :

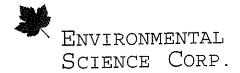
Site ID :

Project # : 2187JK136

Collected By : Josh Konnenberg Collection Date : 04/26/07 16:34

COllection Page 1 1 1.			Time de trans	Method	Date	Dil.
Parameter	Result	Det. Limit	Units	Mechod	Dace	
	BDL	0.052	mg/kg	8260B	04/30/07	52.5
1,3-Dichloropropane	BDL	0.052	mg/kg	8260B	04/30/07	52.5
cis-1,3-Dichloropropene	BDL	0.052	mg/kg	8260B	04/30/07	52.5
trans-1,3-Dichloropropene	BDL	0.052	mg/kg	8260B	04/30/07	52.5
2,2-Dichloropropane		0.052	mg/kg	8260B	04/30/07	52.5
Di-isopropyl ether	BDL	0.052	mg/kg	8260B	04/30/07	52.5
Ethvlbenzene	BDL	0.052	mg/kg	8260B	04/30/07	52.5
Hexachlorobutadiene	BDL	0.052	mg/kg	8260B	04/30/07	52.5
Isopropylbenzene	BDL	0.052	mg/kg	8260B	04/30/07	52.5
p-Isopropyltoluene	BDL		mg/kg	8260B	04/30/07	52.5
2-Butanone (MEK)	$\mathtt{BDL}$	0.52	mg/kg	8260B	04/30/07	52.5
Methylene Chloride	BDL	0.26	mg/kg	8260B	04/30/07	52.5
4-Methyl-2-pentanone (MIBK)	$\mathtt{BDL}$	0.52	mg/kg	8260B	04/30/07	52.5
Methyl tert-butyl ether	BDL	0.052		8260B	04/30/07	52.5
Naphthalene	$\mathtt{BDL}$	0.26	mg/kg	8260B	04/30/07	52.5
n-Propylbenzene	$\mathtt{BDL}$	0.052	mg/kg	8260B	04/30/07	52.5
Styrene	BDL	0.052	mg/kg	8260B	04/30/07	52.5
1,1,1,2-Tetrachloroethane	$\mathtt{BDL}$	0.052	mg/kg	8260B	04/30/07	52.5
1 1 2 2.Tetrachloroethane	$\mathtt{BDL}$	0.052	mg/kg	8260B	04/30/07	52.5
1,1,2-Trichloro-1,2,2-trifluoro	$\mathtt{BDL}$	0.052	mg/kg		04/30/07	52.5
Tetrachloroethene	$\mathtt{BDL}$	0.052	mg/kg	8260B	04/30/07	52.5
Toluene	BDL	0.26	mg/kg	8260B	04/30/07	52.5
1,2,3-Trichlorobenzene	$\mathtt{BDL}$	0.052	mg/kg	8260B	04/30/07	52.5
1,2,4-Trichlorobenzene	$\mathtt{BDL}$	0.052	mg/kg	8260B	04/30/07	52.5
1,1,1-Trichloroethane	$\mathtt{BDL}$	0.052	mg/kg	8260B	04/30/07	52.5
1,1,2-Trichloroethane	$\mathtt{BDL}$	0.052	mg/kg	8260B	04/30/07	52.5
Trichloroethene	BDL	0.052	mg/kg	8260B	04/30/07	52.5
Trichlorofluoromethane	BDL	0.052	mg/kg	8260B	04/30/07	52.5
1,2,3-Trichloropropane	$\mathtt{BDL}$	0.052	mg/kg	8260B		52.5
1,2,4-Trimethylbenzene	BDL	0.052	mg/kg	8260B	04/30/07 04/30/07	52.5
1,2,4-Trimethylbenzene	BDL	0.052	mg/kg	8260B		52.5 52.5
1,2,3-Trimethylbenzene	BDL	0.052	mg/kg	8260B	04/30/07	
1,3,5-Trimethylbenzene	BDL	0.052	mg/kg	8260B	04/30/07	52.5 52.5
Vinyl chloride	BDL	0.16	mg/kg	8260B	04/30/07	52.5
Xylenes, Total					/ /	F0 #
Surrogate Recovery	98.4		% Rec.	8260B	04/30/07	52.5
Toluene-d8	103.		% Rec.	8260B	04/30/07	52.5
Dibromofluoromethane	117.		% Rec.	8260B	04/30/07	52.5
4-Bromofluorobenzene	11,.					_
	BDL	30.	mg/kg	8015AZ	05/01/07	1
C10-C22 Hydrocarbons	BDL	50.	mg/kg	8015AZ	05/01/07	l
C22-C32 Hydrocarbons	עעפ	20.	J, J			
Polychlorinated Biphenyls	חחד	0.085	mg/kg	8082	04/30/07	5
PCB 1016	BDL	0.085	mg/kg	8082	04/30/07	5
PCB 1221	BDL	0.005		7		

BDL - Below Detection Limit Det. Limit - Practical Quantitation Limit(PQL) L290880-06 (V8260) - Cannot run lower, client sent only MeOH vial.



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

May 02, 2007

Date Received :

April 27, 2007

Description

Washington Park Infrastructure

93.9

Sample ID

LPC 12

;

Site ID :

Project # : 2187JK136

ESC Sample # : L290880-06

Collected By : Collection Date : Josh Konnenberg 04/26/07 16:34

Tetrachloro-m-xylene

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
PCB 1232 PCB 1242 PCB 1248 PCB 1254	BDL BDL BDL BDL	0.085 0.085 0.085 0.085	mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082	04/30/07 04/30/07 04/30/07 04/30/07 04/30/07	5 5 5 5
PCB 1260 CBs Surrogates Decachlorobiphenyl	90.5	V. 300	% Rec.	8082 8082	04/30/07 04/30/07	5 5

BDL - Below Detection Limit Det. Limit - Practical Quantitation Limit(PQL)

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 05/02/07 12:25 Printed: 05/02/07 12:27 L290880-06 (V8260) - Cannot run lower, client sent only MeOH vial.



Tax I.D. 62-0814289

Est. 1970

## REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

May 02, 2007

ESC Sample # : L290880-07

Date Received : April 27, 2007 Description : Washington Park Infrastructure

Site ID :

Project # : 2187JK136

Sample ID

LP 15.5

Collected By : Josh Konnenberg Collection Date : 04/26/07 15:07

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
FALAMOUT	BDL	0.020	mg/kg	7471	04/30/07	1
Mercury	חתם	0.020				
	3.9	1.0	mq/kg	6010B	04/29/07	1
Arsenic	100	0.25	mg/kg	6010B	04/29/07	1
Barium	1.1	0.25	mg/kg	6010B	04/29/07	1
Cadmium	8.5	0.50	mg/kg	6010B	04/29/07	1
Chromium	8.7	0.25	mg/kg	6010B	04/29/07	1
Lead	1.5	1.0	mg/kg	6010B	04/29/07	1
Selenium	BDL	0.50	mg/kg	6010B	04/29/07	1
Silver	מעפ	0.50				
Volatile Organics	77.77	2.6	mg/kg	8260B	04/30/07	53
Acetone	BDL	0.53	mg/kg	8260B	04/30/07	53
Acrylonitrile	BDL	0.053	mg/kg	8260B	04/30/07	53
Benzene	BDL	0.053	mg/kg	8260B	04/30/07	53
Bromobenzene	BDL:	0.053	mg/kg	8260B	04/30/07	53
Bromodichloromethane	BDL	0.053	mg/kg	8260B	04/30/07	53
Bromoform	BDL	0.26	mg/kg	8260B	04/30/07	53
Bromomethane	BDL	0.053	mg/kg	8260B	04/30/07	53
n-Butylbenzene	BDL	0.053	mg/kg	8260B	04/30/07	53
sec-Butylbenzene	BDL	0.053	mg/kg	8260B	04/30/07	53
tert-Butvlbenzene	BDL	0.053	mg/kg	8260B	04/30/07	53
Carbon tetrachloride	BDL	0.053	mg/kg	8260B	04/30/07	53
Chlorobenzene	BDL	0.053	mg/kg	8260B	04/30/07	53
Chlorodibromomethane	BDL	0.053	mg/kg	8260B	04/30/07	53
Chloroethane	BDL	2.6	mg/kg	8260B	04/30/07	53
2-Chloroethyl vinyl ether	BDL	0.26	mg/kg	8260B	04/30/07	53
Chloroform	BDL	0.053	mg/kg	8260B	04/30/07	53
Chloromethane	BDL	0.053	mg/kg	8260B	04/30/07	53
2-Chlorotoluene	BDL	0.053	mg/kg	8260B	04/30/07	53
4-Chlorotoluene	BDL	0.26	mg/kg	8260B	04/30/07	53
1,2-Dibromo-3-Chloropropane	BDL	0.053	mg/kg	8260B	04/30/07	53
1,2-Dibromoethane	BDL	0.053	mg/kg	8260B	04/30/07	53.
Dibromomethane	BDL	0.053	mg/kg	8260B	04/30/07	53
1,2-Dichlorobenzene	BDL	0.053	mg/kg	8260B	04/30/07	53
1.3-Dichlorobenzene	BDL	0.053	mg/kg	8260B	04/30/07	53
1,4-Dichlorobenzene	BDL	0.053	mg/kg	8260B	04/30/07	53
Dichlorodifluoromethane	BDL	0.053	mg/kg	8260B	04/30/07	53
1.1-Dichloroethane	BDL	0.053	mg/kg	8260B	04/30/07	53
1,2-Dichloroethane	BDL	0.053	mg/kg	8260B	04/30/07	53
1 1-Dichloroethene	BDL	0.053	mg/kg	8260B	04/30/07	53
cis-1.2-Dichloroethene	BDL	0.053	mg/kg	8260B	04/30/07	53
trans-1,2-Dichloroethene	BDL		mg/kg	8260B	04/30/07	53
1.2-Dichloropropane	BDL	0.053	mg/kg	8260B	04/30/07	53
1,1-Dichloropropene	BDL	0.053	"A\va	02002	· -,, ·	

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL) L290880-07 (V8260) - Cannot run lower, client sent only MeOH vial.



Tax I.D. 62-0814289

Est. 1970

#### REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040 May 02, 2007

Site ID :

ESC Sample # : L290880-07

Project # : 2187JK136

Date Received :

April 27, 2007

Description : Washington Park Infrastructure

Sample ID

LP 15.5

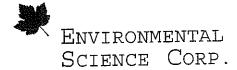
Collected By : Josh Konnenberg

Collection Date : 04/26/07 15:07

Parameter   Result   Det. Limit   Units   Method   Date   Dil.
1,3-Dichloropropane
Cis-1,3-Dichloropropene   BDL   0.053   mg/kg   8260B   04/30/07   53
Trans-1,3-Dichloropropene
2,2-Dichloropropane
Di-isopropyl ether
Ethylbenzene
Hexachlorobutadiene   BDL   0.053   mg/kg   8260B   04/30/07   53
Sepropylbenzene
Description   Description
Delication (MEK) BDL 0.53 mg/kg 8260B 04/30/07 53 mg/k
### Action (Misk) ### Methylene Chloride ### Methylne Chloride ### Methylene Chloride ### Methylene Chloride ### M
Methylene Childe         BDL         0.53         mg/kg         8260B         04/30/07         53           4-Methyl-2-pentanone (MIBK)         BDL         0.053         mg/kg         8260B         04/30/07         53           Methyl tert-butyl ether         BDL         0.053         mg/kg         8260B         04/30/07         53           Naphthalene         BDL         0.053         mg/kg         8260B         04/30/07         53           n-Propylbenzene         BDL         0.053         mg/kg         8260B         04/30/07         53           styrene         BDL         0.053         mg/kg         8260B         04/30/07         53           1,1,2-Tetrachloroethane         BDL         0.053         mg/kg         8260B         04/30/07         53           1,1,2-Trichloro-1,2,2-trifluoro         BDL         0.053         mg/kg         8260B         04/30/07         53           1,1,2-Trichloroethene         BDL         0.053         mg/kg         8260B         04/30/07         53           1,2,3-Trichlorobenzene         BDL         0.053         mg/kg         8260B         04/30/07         53           1,1,1-Trichloroethane         BDL         0.053         mg/kg
## Ametry 1-2-pentation
Methyl tert-butyl ether         BDL         0.26         mg/kg         8260B         04/30/07         53           Naphthalene         BDL         0.053         mg/kg         8260B         04/30/07         53           n-Propylbenzene         BDL         0.053         mg/kg         8260B         04/30/07         53           Styrene         BDL         0.053         mg/kg         8260B         04/30/07         53           1,1,2,-Tetrachloroethane         BDL         0.053         mg/kg         8260B         04/30/07         53           1,1,2,-Trichloro-1,2,2-trifluoro         BDL         0.053         mg/kg         8260B         04/30/07         53           1,1,2-Trichloroethene         BDL         0.053         mg/kg         8260B         04/30/07         53           1,2,3-Trichlorobenzene         BDL         0.053         mg/kg         8260B         04/30/07         53           1,2,4-Trichlorobenzene         BDL         0.053         mg/kg         8260B         04/30/07         53           1,1,2-Trichloroethane         BDL         0.053         mg/kg         8260B         04/30/07         53           1,2,3-Trichloropethane         BDL         0.053         mg/kg
Naphthalene n-Propylbenzene BDL 0.053 mg/kg 8260B 04/30/07 53 Styrene BDL 0.053 mg/kg 8260B 04/30/07 53 1,1,2-Tetrachloroethane BDL 0.053 mg/kg 8260B 04/30/07 53 1,1,2-Tetrachloroethane BDL 0.053 mg/kg 8260B 04/30/07 53 1,1,2-Trichloro-1,2,2-trifluoro BDL 0.053 mg/kg 8260B 04/30/07 53 1,1,2-Trichloro-1,2,2-trifluoro BDL 0.053 mg/kg 8260B 04/30/07 53 Tetrachloroethene BDL 0.053 mg/kg 8260B 04/30/07 53 Toluene BDL 0.053 mg/kg 8260B 04/30/07 53 1,2,3-Trichlorobenzene BDL 0.053 mg/kg 8260B 04/30/07 53 1,2,4-Trichloroethane BDL 0.053 mg/kg 8260B 04/30/07 53 1,1,2-Trichloroethane BDL 0.053 mg/kg 8260B 04/30/07 53 1,1,2-Trichloroethane BDL 0.053 mg/kg 8260B 04/30/07 53 Trichloroethane BDL 0.053 mg/kg 8260B 04/30/07 53 Trichloropropane BDL 0.053 mg/kg 8260B 04/30/07 53 Trichloropropane BDL 0.053 mg/kg 8260B 04/30/07 53 D1,2,3-Trichloropropane BDL 0.053 mg/kg 8260B 04/30/07 53 D1,2,3-Trimethylbenzene BDL 0.053 mg/kg 8260B 04/30/07 53 D1,2,3-Trimethylbenzene BDL 0.053 mg/kg 8260B 04/30/07 53
No.   Propylbenzene   BDL   0.053   mg/kg   8260B   04/30/07   53
Styrene 1,1,1,2-Tetrachloroethane 1,1,1,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane 1,1,2,2-Tetrachloroethane 1,1,2,2-Trichloro-1,2,2-trifluoro 1,1,2-Trichloro-1,2,2-trifluoro 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichlorobenzene 1,2,4-Trichloroethane 1,1,1-Trichloroethane
1,1,2,7=Teithaniotochans 1,1,2-Trichloro-1,2,2-trifluoro BDL 0.053 mg/kg 8260B 04/30/07 53 Tetrachloroethene BDL 0.053 mg/kg 8260B 04/30/07 53 Toluene BDL 0.053 mg/kg 8260B 04/30/07 53 1,2,3-Trichlorobenzene BDL 0.053 mg/kg 8260B 04/30/07 53 1,2,4-Trichlorobenzene BDL 0.053 mg/kg 8260B 04/30/07 53 1,1,1-Trichloroethane BDL 0.053 mg/kg 8260B 04/30/07 53 1,1,2-Trichloroethane BDL 0.053 mg/kg 8260B 04/30/07 53 1,1,2-Trichloroethane BDL 0.053 mg/kg 8260B 04/30/07 53 Trichloroethene BDL 0.053 mg/kg 8260B 04/30/07 53 Trichloroethene BDL 0.053 mg/kg 8260B 04/30/07 53 Trichlorofluoromethane BDL 0.053 mg/kg 8260B 04/30/07 53 Trichlorofluoromethane BDL 0.053 mg/kg 8260B 04/30/07 53 1,2,3-Trichloropropane BDL 0.053 mg/kg 8260B 04/30/07 53 1,2,4-Trimethylbenzene BDL 0.053 mg/kg 8260B 04/30/07 53 1,2,3-Trimethylbenzene BDL 0.053 mg/kg 8260B 04/30/07 53
1,1,2-Trichloro-1,2,2-trilluoro  Tetrachloroethene  BDL  0.053 mg/kg 8260B  04/30/07 53  Toluene  1,2,3-Trichlorobenzene  BDL  0.053 mg/kg 8260B  04/30/07 53  1,2,4-Trichlorobenzene  BDL  0.053 mg/kg 8260B  04/30/07 53  1,1,1-Trichloroethane  BDL  0.053 mg/kg 8260B  04/30/07 53  1,1,2-Trichloroethane  BDL  0.053 mg/kg 8260B  04/30/07 53  1,1,2-Trichloroethane  BDL  0.053 mg/kg 8260B  04/30/07 53  Trichloroethene  BDL  0.053 mg/kg 8260B  04/30/07 53  Trichloroethene  BDL  0.053 mg/kg 8260B  04/30/07 53  Trichlorofluoromethane  BDL  0.053 mg/kg 8260B  04/30/07 53  Trichlorofluoromethane  BDL  0.053 mg/kg 8260B  04/30/07 53  Trichloropropane  BDL  0.053 mg/kg 8260B  04/30/07 53  1,2,4-Trimethylbenzene  BDL  0.053 mg/kg 8260B  04/30/07 53  1,2,3-Trichloropropane  BDL  0.053 mg/kg 8260B  04/30/07 53  1,2,3-Trimethylbenzene  BDL  0.053 mg/kg 8260B  04/30/07 53
Tetrachloroethene BDL 0.26 mg/kg 8260B 04/30/07 53 Toluene BDL 0.053 mg/kg 8260B 04/30/07 53 1,2,3-Trichlorobenzene BDL 0.053 mg/kg 8260B 04/30/07 53 1,1,1-Trichloroethane BDL 0.053 mg/kg 8260B 04/30/07 53 1,1,2-Trichloroethane BDL 0.053 mg/kg 8260B 04/30/07 53 1,1,2-Trichloroethane BDL 0.053 mg/kg 8260B 04/30/07 53 Trichloroethene BDL 0.053 mg/kg 8260B 04/30/07 53 Trichlorofluoromethane BDL 0.053 mg/kg 8260B 04/30/07 53 Trichlorofluoromethane BDL 0.053 mg/kg 8260B 04/30/07 53 1,2,3-Trichloropropane BDL 0.053 mg/kg 8260B 04/30/07 53 1,2,4-Trimethylbenzene BDL 0.053 mg/kg 8260B 04/30/07 53 1,2,3-Trimethylbenzene BDL 0.053 mg/kg 8260B 04/30/07 53 1,2,3-Trimethylbenzene BDL 0.053 mg/kg 8260B 04/30/07 53
Toluene 1,2,3-Trichlorobenzene 1,2,4-Trichlorobenzene 1,2,4-Trichlorobenzene 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloroptopane 1,2,3-Trichloropropane 1,2,3-Trichloropropane 1,2,3-Trimethylbenzene
1,2,3-Trichlorobenzene 1,2,4-Trichlorobenzene 1,2,4-Trichlorobenzene 1,1,1-Trichlorobenzene 1,1,1-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,1,2-Trichloroethane 1,2,3-Trichloropenane 1,2,3-Trichloropropane 1,2,3-Trichloropropane 1,2,3-Trichloropropane 1,2,3-Trichloropropane 1,2,3-Trichloropropane 1,2,3-Trimethylbenzene 1,2,3-Trimethylbenzene 1,2,3-Trimethylbenzene 1,2,3-Trimethylbenzene 1,2,3-Trimethylbenzene 1,2,3-Trimethylbenzene 1,2,3-Trimethylbenzene 1,2,3-Trimethylbenzene 1,2,3-Trimethylbenzene 1,2,3-Trimethylbenzene 1,2,3-Trimethylbenzene 1,2,3-Trimethylbenzene 1,2,3-Trimethylbenzene 1,2,3-Trimethylbenzene 1,2,3-Trimethylbenzene
1,2,4-Trichlorobenzene       BDL       0.053       mg/kg       8260B       04/30/07       53         1,1,1-Trichloroethane       BDL       0.053       mg/kg       8260B       04/30/07       53         1,1,2-Trichloroethane       BDL       0.053       mg/kg       8260B       04/30/07       53         Trichloroethane       BDL       0.053       mg/kg       8260B       04/30/07       53         Trichlorofluoromethane       BDL       0.053       mg/kg       8260B       04/30/07       53         1,2,3-Trichloropropane       BDL       0.053       mg/kg       8260B       04/30/07       53         1,2,4-Trimethylbenzene       BDL       0.053       mg/kg       8260B       04/30/07       53         1,2,3-Trimethylbenzene       BDL       0.053       mg/kg       8260B       04/30/07       53
1,1,1-Trichloroethane
1,1,2-Trichloroethane BDL 0.053 mg/kg 8260B 04/30/07 53 Trichloroethene BDL 0.053 mg/kg 8260B 04/30/07 53 Trichlorofluoromethane BDL 0.053 mg/kg 8260B 04/30/07 53 1,2,3-Trichloropropane BDL 0.053 mg/kg 8260B 04/30/07 53 1,2,4-Trimethylbenzene BDL 0.053 mg/kg 8260B 04/30/07 53 1,2,3-Trimethylbenzene BDL 0.053 mg/kg 8260B 04/30/07 53
Trichloroethene BDL 0.053 mg/kg 8260B 04/30/07 53 Trichlorofluoromethane BDL 0.053 mg/kg 8260B 04/30/07 53 1,2,3-Trichloropropane BDL 0.053 mg/kg 8260B 04/30/07 53 1,2,4-Trimethylbenzene BDL 0.053 mg/kg 8260B 04/30/07 53 1,2,3-Trimethylbenzene BDL 0.053 mg/kg 8260B 04/30/07 53
Trichlorofluoromethane BDL 0.053 mg/kg 8260B 04/30/07 53 1,2,3-Trichloropropane BDL 0.053 mg/kg 8260B 04/30/07 53 1,2,4-Trimethylbenzene BDL 0.053 mg/kg 8260B 04/30/07 53 1,2,3-Trimethylbenzene BDL 0.053 mg/kg 8260B 04/30/07 53 04/30/07 53
1,2,3-Trichloropropane BDL 0.053 mg/kg 8260B 04/30/07 53 1,2,4-Trimethylbenzene BDL 0.053 mg/kg 8260B 04/30/07 53 1,2,3-Trimethylbenzene BDL 0.053 mg/kg 8260B 04/30/07 53
1,2,4-Trimethylbenzene BDL 0.053 mg/kg 8260B 04/30/07 53 1,2,3-Trimethylbenzene BDL 0.053 mg/kg 8260B 04/30/07 53
1.2.3-Trimethylbenzene BDL 0.053 mg/kg 0260B 04/30/07 53
1 3 5-Trimethylbenzene BDL 0.033 mg/kg cacop ca/20/07 53
Vinvl chloride BDL 0.033 1197A9 02C0B 04/30/07 53
Vinyl Chloride 522 Xylenes, Total 8DL 0.16 mg/kg 8260B 04/30/07 53
Surrogate Recovery
@oluono=d0
Dibyonofluoromethane 101. FREC. 6200B
Dibromofluoromethane 101.
- leader -
C10-C22 Hydrocarbons BDL 30. mg/kg 8015AZ 05/01/07 1
C10-C22 Hydrocarbons BDL 50. mg/kg 8015AZ 05/01/07 1
CSS-CSS whatocarpous
Polychlorinated Biphenyls
PCB 1016
PCB 1016 PCB 1221 BDL 0.017 mg/kg 8082 04/30/07 1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL) L290880-07 (V8260) - Cannot run lower, client sent only MeOH vial.



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

May 02, 2007

ESC Sample # : L290880-07

Date Received :

April

Description Sample ID

27, 2007 Washington Park Infrastructure

LP 15.5

Site ID :

Project # : 2187JK136

Collected By :

Josh Konnenberg 04/26/07 15:07

Collection Date : 04/26/07 15:07	_					
Parameter	Result	Det. Limit	Units	Method	Date	Dil.
PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL 0.35	0.017 0.017 0.017 0.017 0.017	mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082	04/30/07 04/30/07 04/30/07 04/30/07 04/30/07	1 1 1 1
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	89.5 86.4		% Rec. % Rec.	8082 8082	04/30/07 04/30/07	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 05/02/07 12:25 Printed: 05/02/07 12:27 L290880-07 (V8260) - Cannot run lower, client sent only MeOH vial.

## Attachment A List of Analytes with QC Qualifiers

Sample #	Analyte	Qualifier
L290880-01	Barium 2-Chloroethyl vinyl ether	J6 J4J3
L290880-02	2-Chloroethyl vinyl ether PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	0 0 0 0 0 0 0
L290880-03	Decachlorobiphenyl 2-Chloroethyl vinyl ether Decachlorobiphenyl Tetrachloro-m-xylene 2-Methylnaphthalene Naphthalene	J1 J4J3 J7 J7 J4 J4 O
L290880~04	Arsenic 2-Chloroethyl vinyl ether 4-Bromofluorobenzene	J4J3 J1
L290880-05	Arsenic 2-Chloroethyl vinyl ether	O J4J3
L290880-06	2-Chloroethyl vinyl ether PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	J4 O O O O O O J4
L290880-07	2-Chloroethyl vinyl ether	υ <del>ά</del>

### Attachment B Explanation of QC Qualifier Codes

Qualifier	Meaning
Jl	Surrogate recovery limits have been exceeded; values are outside upper control limits
J4	The associated batch QC was outside the established quality control range for accuracy.
J3	The associated batch QC was outside the established quality control range for precision.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low
J7	Surrogate recovery limits cannot be evaluated; surrogates were diluted out
0	(ESC) Sample diluted due to matrix interferences that impaired the ability to make an accurate analytical determination. The detection limit is elevated in order to reflect the necessary dilution.

## Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

### Definitions

- Accuracy The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.
- Precision The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Differrence.
- Surrogate Organic compounds that are similar in chemical composition, extraction, and chromotography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

  Control Limits (AQ)
- (SS) (AQ) (SS)
  Dibromfluoromethane 68-128 64-125 Nitrobenzene-d5 43-118 2-Fluorobiphenyl 45-128 31-119 2-Fluorophenol 76-115 69-118 Toluene-d8 12-134 Phenol-d5 43-137 4-Bromofluorobenzene 79-127 61-134 Terphenyl-d14 2,4,6-Tribromophenol 51-141
- Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, TIC or surrogates.

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Tax I.D. 62-0814289

Est. 1970

stern Technologies vid Regonini 37 East Broadway Rd.

oenix, AZ 85040

Quality Assurance Report Level II

L290880

		boratory Bla		7-4-1-
lyte	Result	Units	Date Analyzed	Batch
enic	< 1	mq/kq	04/29/07 04:46	WG297549
ium	< .25	mg/kg	04/29/07 04:46	WG297549
mium	< .25	mg/kg	04/29/07 04:46	WG297549
omium	< .5		04/29/07 04:46	WG297549
d	< .25	mg/kg	04/29/07 04:46	WG297549
enium	< 1	mg/kg	04/29/07 04:46	WG297549
ver	< .5	mg∕kg	04/29/07 04:46	WG297549
1016	< .017	mg/kg	04/30/07 12:06	WG297614
: 1221	< .017	mg/kg	04/30/07 12:06	WG297614
1232	< .017	mg/kg	04/30/07 12:06	WG297614
1242	< .017	mg/kg	04/30/07 12:06	WG297614
1248	< .017		04/30/07 12:06	
1254	< .017	mg/kg	04/30/07 12:06	WG297614
1260	< .017	mg/kg	04/30/07 12:06	WG297614
ethylnaphthalene	< .02	ppm	05/01/07 10:03	WG297624
ethylnaphthalene	< .02	ppm	05/01/07 10:03	WG297624
naphthene	< .02	ppm	05/01/07 10:03	
naphthylene	< .02	mqq	05/01/07 10:03	WG297624
hracene	< .02	ppm	05/01/07 10:03	WG297624
zo(a) anthracene	< .02	ppm	05/01/07 10:03	
zo(a) pyrene	< .02	ppm	05/01/07 10:03	WG297624
zo(b)fluoranthene	< .02	ppm	05/01/07 10:03	WG297624
zo(g,h,i)perylene	< .02	mqq	05/01/07 10:03	WG297624
zo(k) fluoranthene	< .02	ppm	05/01/07 10:03	WG297624
vsene	< .02	ppm	05/01/07 10:03	WG297624
enz (a, h) anthracene	< .02	ppm	05/01/07 10:03	WG297624
oranthene	< .02	ppm	05/01/07 10:03	WG297624
orene	< .02	ppm	05/01/07 10:03	WG297624
eno(1,2,3-cd)pyrene	< .02	ppm	05/01/07 10:03	WG297624
hthalene	< .02	mqq	05/01/07 10:03	WG297624
nanthrene	< .02	ppm	05/01/07 10:03	WG297624
ene	< .02	ppm	05/01/07 10:03	WG297624
-C22 Hydrocarbons	< 30	mg/kg	04/30/07 18:52	WG297626
-C32 Hydrocarbons	< 50	mg/kg	04/30/07 18:52	WG297626
,1,2-Tetrachloroethane	< .001	mg/kg	04/28/07 09:03	WG297644
,1-Trichloroethane	< .001	mg/kg	04/28/07 09:03	WG297644
,2,2-Tetrachloroethane	< .001	mg/kg	04/28/07 09:03	WG297644
.2-Trichloroethane	< .001	mg/kg	04/28/07 09:03	WG297644
,2-Trichloro-1,2,2-trifluoroethane	< .001	mg/kg	04/28/07 09:03	WG297644
-Dichloroethane	< .001	mg/kg	04/28/07 09:03	WG297644
-Dichloroethene	< .001	mg/kg	04/28/07 09:03	WG297644
-Dichloropropene	< .001	mg/kg	04/28/07 09:03	WG297644
,3-Trichlorobenzene	< .001	mg/kg	04/28/07 09:03	WG297644
.3-Trichloropropane	< .001	mg/kg	04/28/07 09:03	WG297644
,3-Trimethylbenzene	< .001	mg/kg	04/28/07 09:03	WG297644
,4-Trichlorobenzene	< .001	mg/kg	04/28/07 09:03	WG297644
,4-Trimethylbenzene	< .001	mg/kg	04/28/07 09:03	WG297644
-Dibromo-3-Chloropropane	< .005	mg/kg	04/28/07 09:03	WG297644
-Dibromoethane	< .001	mg/kg	04/28/07 09:03	WG297644
-Dichlorobenzene	< .001	mg/kg	04/28/07 09:03	WG297644
-Dichlorobenzene -Dichloroethane	< .001	mg/kg	04/28/07 09:03	WG297644
	< .001	mg/kg	04/28/07 09:03	WG297644
-Dichloropropane	< .001	mg/kg	04/28/07 09:03	WG297644
,5-Trimethylbenzene	< .001	mg/kg	04/28/07 09:03	WG297644
-Dichlorobenzene	< .001	mg/kg	04/28/07 09:03	WG297644
-Dichloropropane	< .001	mg/kg	04/28/07 09:03	WG297644
-Dichlorobenzene	۷.00	mg/ xg	0=,20,0,00.00	



Tax I.D. 62-0814289

Est. 1970

tern Technologies id Regonini 7 East Broadway Rd.

enix, AZ 85040

Quality Assurance Report Level II

L290880

Dichloropropane	< .001	mg/kg	04/28/07 09:03	WG297644
Dicilio10px opass				
		Laboratory Bla	ink	Batch
yte	Result	Units	Date Analyzed	Batch
y ce			04/00/07 00:03	MCCOTENA
tanone (MEK)	< .01	mg/kg	04/28/07 09:03	
loroethyl winyl ether	< .001	mg/kg	04/28/07 09:03	WG297644
lorotoluene	< .001	mg/kg	04/28/07 09:03	WG297644
TOLOCOLGENE	< .001	mg/kg	04/28/07 09:03	WG297644
lorotoluene	< .01	mq/kg	04/28/07 09:03	WG297644
thyl-2-pentanone (MIBK)	< .05	mg/kg	04/28/07 09:03	WG297644
one	< .01	mg/kg	04/28/07 09:03	WG297644
TOUTETITE	< .001	mg/kg	04/28/07 09:03	WG297644
ene	< .001	mg/kg	04/28/07 09:03	WG297644
obenzene	< .001	mg/kg		WG297644
odichloromethane	< .001	mg/kg	04/28/07 09:03	WG297644
oform	~ .00	mg/kg	04/28/07 09:03	WG297644
omethane	< .005		04/28/07 09:03	
on tetrachloride	< .001	mg/kg	04/28/07 09:03	WG297644
robenzene	< .001	mg/kg	04/28/07 09:03	WG297644
rodibromomethane	< .001	mg/kg	04/28/07 09:03	
roethane	< .001	mg/kg	04/28/07 09:03	WG297644
	< .005	mg/kg	04/28/07 09:03	WG297644
romethane	< .001	mg/kg	04/28/07 09:03	WG297644
ronorm romethane 1,2-Dichloroethene 1,3-Dichloropropene	< .001	mg/kg	04/28/07 09:03	WG297644
1,3-Dichloropropene	< .001	mg/kg	04/28/07 09:03	WG297644
sopropyl ether	<	mg/kg	04/28/07 09:03	WG297644
	< .001	mg/kg	04/28/07 09:03	WG297644
comomethane	< .001	mg/kg	04/28/07 09:03	WG297644
	< .001	mg/kg	04/28/07 09:03	WG297644
lbenzene	< .001	mg/kg	04/28/07 09:03	WG297644
chlorobutadiene	< .001	mg/kg	04/28/07 09:03	WG297644
ropylbenzene	< .001	mg/kg	04/28/07 09:03	WG297644
yl tert-butyl ether	< .005	mg/kg	04/28/07 09:03	WG297644
ylene Chloride	< .001	mg/kg	04/28/07 09:03	WG297644
itylbenzene	< .001	mg/kg	04/28/07 09:03	WG297644
opylbenzene	< .001	mg/kg	04/28/07 09:03	WG297644
thalene		mg/kg	04/28/07 09:03	WG297644
opropyltoluene	< .001	mg/kg	04/28/07 09:03	WG297644
Butylbenzene	< .001		04/28/07 09:03	WG297644
rene	< .001	mg/kg	04/28/07 09:03	WG297644
:-Butylbenzene	< .001	mg/kg	04/28/07 09:03	WG297644
rachloroethene	< .001	mg/kg	04/28/07 09:03	WG297644
iene	< .005	mg/kg	04/28/07 09:03	WG297644
ns-1,2-Dichloroethene	< .001	mg/kg	04/28/07 09:03	WG297644
is-1,3-Dichloropropene	< .001	mg/kg	04/28/07 09:03	
hloroethene	< .001	mg/kg	04/28/07 09:03	WG297644
hlorofluoromethane	< .001	mg/kg	04/28/07 09:03	WG297644
/l chloride	< .001	mg/kg	04/28/07 09:03	WG297644
T CHIOTIGE	< .003	mg/kg	04/28/07 09:03	WG297644
mes, Total				_
	< .02	mg/kg	04/30/07 13:07	WG297742
cury				
	< .02	mg/kg	04/30/07 15:11	WG297743
cury	·		,	
A B A 2 To a comp	< .001	mg/kg	04/30/07 14:51	WG297849
,1,2-Tetrachloroethane		mg/kg	04/30/07 14:51	WG297849
1-Trichloroethane	< .001	mg/kg	04/30/07 14:51	WG297849
.2.2-Tetrachloroethane	< .001		04/30/07 14:51	WG297849
o_grichloroethane	< .001	mg/kg	04/30/07 14:51	WG297849
.2-Trichloro-1,2,2-trifluoroethane	< .001	mg/kg		WG297849
-Dichloroethane	< .001	mg/kg	04/30/07 14:51	WG297849
-Dichloroethene	< .001	mg/kg	04/30/07 14:51	
-Dichloropropene	< .001	mg/kg	04/30/07 14:51	WG297849
,3-Trichlorobenzene	< .001	mg/kg	04/30/07 14:51	WG297849
,3-Trichloropropane	< .001	mg/kg	04/30/07 14:51	WG297849
,3-Trientoropropane ,3-Trimethylbenzene	< .001	mg/kg	04/30/07 14:51	WG297849
'2-TTTMECHATDENTENE				



Tax I.D. 62-0814289

Est. 1970

tern Technologies id Regonini 7 East Broadway Rd.

enix, AZ 85040

# Quality Assurance Report Level II

L290880

		F530880		
	. 007	mg/kg	04/30/07 14:51	WG297849
4-Trichlorobenzene	< .001	mg/ kg	5 27 2 5 7 3 3	
		Laboratory Bla	ink	
	Result	Units	Date Analyzed	Batch
<u>yte                                     </u>				120000000
4-Trimethylbenzene Dibromo-3-Chloropropane Dibromoethane Dichlorobenzene Dichloropropane Dichloropropane 5-Trimethylbenzene Dichlorobenzene Dichloropropane Dichloropropane Dichloropropane Dichloropropane	< .001	mg/kg	04/30/07 14:51	WG297849
4-ITIMELHYIDEHZENC	< .005	mg/kg	04/30/07 14:51	WG297849 WG297849
DIDIOMO-3-CHIOLOPIOPAM	< .001	mg/kg	04/30/07 14:51	WG297849
Diplomochanzene	< .001	mg/kg	04/30/07 14:51	WG297849
Dichloroethane	< .001	mg/kg	04/30/07 14:51 04/30/07 14:51	WG297849
Dichloropropane	< .001	mg/kg	04/30/07 14:51	WG297849
5-Trimethylbenzene	< .001	mg/kg	04/30/07 14:51	WG297849
Dichlorobenzene	< .001	mg/kg mg/kg	04/30/07 14:51	WG297849
Dichloropropane	< .001		04/30/07 14:51	WG297849
Dichlorobenzene	< .001	mg/kg mg/kg	04/30/07 14:51	WG297849
Dichloropropane	< .001	mg/kg	04/30/07 14:51	WG297849
tanone (MEK)	< .UI	mg/kg	04/30/07 14:51	WG297849
Dichloropropane tanone (MEK) loroethyl vinyl ether	< 001	mg/kg	04/30/07 14:51	WG297849
lorotoluene	< .001	mg/kg	04/30/07 14:51	WG297849
(lorotoluene	- 01	mg/kg	04/30/07 14:51	WG297849
dorotoluene dorotoluene thyl-2-pentanone (MIBK) one	< 05	mg/kg	04/30/07 14:51	WG297849
one	< .01	mg/kg	04/30/07 14:51	WG297849
lonitrile	< .001	mg/kg	04/30/07 14:51	WG297849
ene ·	< .001	ma/ka	04/30/07 14:51	WG297849
obenzene	< .001	mg/kg	04/30/07 14:51	WG297849
nodichloromethane	< .001 < .001 < .001 < .001 < .005	mg/kg	04/30/07 14:51	WG297849 WG297849
oform omethane	< .005	mg/kg	04/30/07 14:51	WG297849
on tetrachloride	< .001	mg/kg	04/30/07 14:51 04/30/07 14:51	WG297849
robenzene	< .001 < .001 < .001	mg/kg	04/30/07 14:51	WG297849
prodibromomethane	< .001	mg/kg	04/30/07 14:51	WG297849
proethane	< .001	mg/kg	04/30/07 14:51	
proform	< .005	mg/kg mg/kg	04/30/07 14:51	WG297849
promethane	< .001	mg/kg	04/30/07 14:51	WG297849
-1,2-Dichloroethene	< .001	mg/kg	04/30/07 14:51	WG297849
-1,2-Dichloroethene -1,3-Dichloropropene isopropyl ether romomethane	< .001	mg/kg	04/30/07 14:51	WG297849
isopropyl ether	- 001	mg/kg	04/30/07 14:51	WG297849
comomethane	- 001	mg/kg	04/30/07 14:51	WG297849
ilorodifluoromethane	. 001	ma/ka	04/30/07 14:51	WG297849
/lbenzene	< .001	mg/kg mg/kg	04/30/07 14:51	WG297849
achlorobutadiene	< .001	mg/kg	04/30/07 14:51	WG297849
propylbenzene	< .001	mg/kg	04/30/07 14:51	WG297849
nyl tert-butyl ether	< .005	mg/kg	04/30/07 14:51	WG297849
nylene Chloride	< .001	mg/kg	04/30/07 14:51	WG297849 WG297849
itylbenzene	< .001	mg/kg	04/30/07 14:51	WG297849 WG297849
ropylbenzene nthalene	< .005	mg/kg	04/30/07 14:51	WG297849
sopropyltoluene	< .001	mg/kg	04/30/07 14:51 04/30/07 14:51	WG297849
-Butylbenzene	< .001	mg/kg	04/30/07 14:51	WG297849
rene	< .001	mg/kg	04/30/07 14:51	WG297849
z-Butylbenzene	< .001	mg/kg	04/30/07 14:51	WG297849
rachloroethene	<pre></pre>	mg/kg	04/30/07 14:51	WG297849
iene	< .005	mg/kg mg/kg	04/30/07 14:51	WG297849
ns-1,2-Dichloroethene ns-1,3-Dichloropropene	< .001	mg/kg	04/30/07 14:51	WG297849
as-1,3-Dichloropropene	< .001	mg/kg	04/30/07 14:51	WG297849
chloroethene	< .001	mg/kg	04/30/07 14:51	WG297849
chlorofluoromethane	< .001	mg/kg	04/30/07 14:51	WG297849
vl chloride	< .001 < .003	mg/kg	04/30/07 14:51	WG297849
enes, Total	2 .003	97.72		

	Units	Dupl Result	icate Duplicate	RPD	Limit	Ref Samp	Batch
enic enic	mg/kg	3.73	3.90	4.46	20	L290880-01	WG297549



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Est. 1970

stern Technologies vid Regonini 37 East Broadway Rd.

oenix, AZ 85040

Quality Assurance Report Level II

L290880

		1127000	, 0				
·	mg/kg	82.5	89.0	7.58	20	L290880-0	1 WG297549
ium	97 753	<u> </u>					
			.icate				
lyte	Units	Result	Duplicate	RPD	Limit	Ref Samp	Batch
				7 25	20	1000000	1 100007540
mium	mg/kg	1.22	1.20	1.65	20	L290880-0 L290880-0	
omium	mg/kg	9.64	9.80	1.65 0.535	20 20	L290880-0	
d	mg/kg	7.46	7.50		20	L290880-0	
enium	mg/kg	1.50	-	0.00	20	L290880-0	
ver	mg/kg	0.00	0.00	0.00	20	11111111111	1 ((00)
	mg/kg	0.00	0.0200	NA	20	L290880-0	1 WG297742
cury	mg/xg	0.00	.010200			. —	
A11777	mg/kg	0.00	0.00	0.00	20	L290880-0	7 WG297743
cury	70-1-1-1-1-1						
	Lab	oratory C	control Samp	le			
lyte	Units	Known	Val Resu	<u>lt</u>	% Rec	Limit	Batch
					6 h 16 h		Medical Edition 10
enic	mg/kg	161	148.		91.9		
ium	mg/kg	252	240.		95.2	82.1-117	
mium	mg/kg	128	119.		93.0	81.3-118	
omium	mg/kg	69.5	61.1		87.9 93.7	78.6-121 80.3-119	WGZ97549 WG297549
đ	mg/kg	142	133.		98.0	75.5-124	
enium	mg/kg	64.2	62.9 101.		77.7	53-146.9	
ver	mg/kg	130	101.		,,,,,	55 220.5	
	mg/kg	.167	0.13	8	82.6	64~120	WG297614
1260	1119/119	,		ŭ		er Trace a	
ather manhthal and	ppm	1.32	0.48	6	36.8	31-109	WG297624
ethylnaphthalene	ppm	1.32	0.49		37.1	41-85	WG297624
ethylnaphthalene	ppm	1.32	0.66	6 .	50.4	36-98	WG297624
naphthene naphthylene	mqq	1.32	0.66	3	50.3	34-109	WG297624
hracene	ppm	1.32	1.09		82.7		WG297624
zo(a)anthracene	mqq	1.32	1.32		99.8		WG297624
zo(a) pyrene	ppm	1.32	1.21		92.0		WG297624
zo(b)fluoranthene	mqq	1.32	1.20		90.7		WG297624
zo(g,h,i)perylene	ppm	1.32	1.16		88 2		WG297624
zo(k)fluoranthene	ppm	1.32	1.31		99.5		WG297624
ysene	ppm	1.32	1.38		104.		WG297624
enz(a,h)anthracene	ppm	1.32	1.22		92.3		WG297624
oranthene	ppm	1.32	1.35		103.		WG297624 WG297624
orene	ppm	1.32	0.84		64.2 90.0		WG297624
eno(1,2,3-cd)pyrene	ppm	1.32	1.19		33.5		WG297624
hthalene	ppm	1.32	0.44 1.05		79.7		WG297624
nanthrene	ppm	1.32	1.29		97.9		WG297624
ene	ppm	1.32	1.29		37.2	10 110	
	mg/kg	30	22.2		74.2	50-150	WG297626
-C22 Hydrocarbons	mg/kg	30	22.6		75.3		WG297626
-C32 Hydrocarbons	1119/119	50					
,1,2-Tetrachloroethane	mg/kg	.05	0.04	62	92.4	66-134	WG297644
	mg/kg	.05	0.05	36	107.	56-142	WG297644
,1-Trichloroethane ,2,2-Tetrachloroethane	mg/kg	.05	0.04	99	99.8		WG297644
,2-Trichloroethane	mg/kg	.05	0.04	81	96.2	69-118	WG297644
,2-Trichloro-1,2,2-trifluoroethane	mq/kg	.05	0.04	60	92.0		WG297644
-Dichloroethane	mg/kg	.05	0.05	27	105.		WG297644
-Dichloroethene	mg/kg	.05	0.04		92.5		WG297644
-Dichloropropene	mg/kg	.05	0.05	22	104.		WG297644
,3-Trichlorobenzene	mg/kg	.05	0.05	11	102.		WG297644
,3-Trichloropropane	mg/kg	.05	0.05		103.		WG297644
,3-Trimethylbenzene	mg/kg	.05	0.04		98.1		WG297644
,4-Trichlorobenzene	mg/kg	.05	0.05		107.		WG297644
,4-Trimethylbenzene	mg/kg	.05	0.04		99.0		WG297644
-Dibromo-3-Chloropropane	mg/kg	.05	0.05	29	106.	51-142	WG297644
* * *							



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Est. 1970

stern Technologies /id Regonini 37 East Broadway Rd.

penix, AZ 85040

Quality Assurance Report Level II

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	mq/kg	.05	0.0521	104.	64-129	WG297644
-Dibromoethane						
	Lab	oratory Control	Sample	0 D	T 2 2 44	Datah
lyte	Units	Known Val	Result	% Rec	Limit	Batch
<del></del>	mg/kg	.05	0.0481	96.2	70-126	WG297644
-Dichlorobenzene	mg/kg	.05	0.0568	114.	55-139	WG297644
-Dichloroethane	mg/kg	.05	0.0494	98.8	64-124	WG297644
-Dichloropropane	mg/kg	.05	0.0485	97.1	66-132	WG297644
,5-Trimethylbenzene	mg/kg	.05	0.0490	97.9	64-139	WG297644
-Dichlorobenzene -Dichloropropane	mg/kg	.05	0.0469	93.8	71-122	WG297644
-Dichlorobenzene	mg/kg	.05	0.0481	96.1	66-129	WG297644
-Dichloropropane	mg/kg	.05	0.0539	108.	51-149	WG297644
itanone (MEK)	mg/kg	.25	0.276	110. 167.	47-134 44-142	WG297644 WG297644
iloroethyl vinyl ether	mg/kg	. 25	0.418	97.0	64-137	WG297644
nlorotoluene	mg/kg	.05	0.0485	94.9	69-133	WG297644
nlorotoluene	mg/kg	.05	0.0475 0.257	103	55-132	WG297644
ethyl-2-pentanone (MIBK)	mg/kg	- <del></del>	0.255	102.	49-158	WG297644
tone	mg/kg	.25 .25	0.269	108.	44-126	WG297644
ylonitrile	mg/kg mg/kg	.05	0.0520	104	65-123	WG297644
zene	mg/kg	.05	0.0480	95.9	66-137	WG297644
nobenzene	mg/kg	.05	0.0512	102.	67-126	WG297644
nodichloromethane noform	mg/kg	.05	0.0506	101	56-144	WG297644
momethane	mg/kg	.05	0.0443	88.7	37-117	WG297644
bon tetrachloride	mg/kg	.05	0.0552	110.	61-146	WG297644
orobenzene	mg/kg	.05	0.0490	98.0	68-130	WG297644 WG297644
prodibromomethane	mg/kg	.05	0.0521	104. 83.0	64-131 49-148	WG297644 WG297644
oroethane	mg/kg	.05	0.0415	101.	63-125	WG297644
oroform	mg/kg	.05	0.0504 0.0437	87.4	41-147	WG297644
oromethane	mg/kg	.05 .05	0.0514	103.	68-121	WG297644
-1,2-Dichloroethene	mg/kg	.05	0.0527	105.	69-120	WG297644
-1,3-Dichloropropene	mg/kg mg/kg	.05	0.0524	105.	58-124	WG297644
isopropyl ether	mq/kg	.05	0.0537	107.	68-122	WG297644
romomethane	mg/kg	.05	0.0510	102.	45-139	WG297644
hlorodifluoromethane ylbenzene	mg/kg	.05	0.0469	93.8	69-124	WG297644
achlorobutadiene	mg/kg	.05	0.0502	100.	59-129	WG297644
propylbenzene	mg/kg	.05	0.0472	94.4	69-133	WG297644 WG297644
hyl tert-butyl ether	mg/kg	.05	0.0455	91.1 86.2	56-132 55-125	WG297644
hylene Chloride	mg/kg	.05	0.0431	95.3	61-136	WG297644
utylbenzene	mg/kg	.05	0.0477 0.0465	93.0	68-129	WG297644
ropylbenzene	mg/kg	.05 .05	0.0504	101.	63-146	WG297644
hthalene	mg/kg mg/kg	.05	0.0497	99.4	64-141	WG297644
sopropyltoluene	mg/kg	.05	0.0474	94.7	66-133	WG297644
-Butylbenzene	mg/kg	.05	0.0509	102.	68-126	WG297644
rene t-Butylbenzene	mq/kg	.05	0.0477	95.3	64-136	WG297644
rachloroethene	mg/kg	.05	0.0502	100.	62-143	WG297644
uene	mg/kg	.05	0.0495	99.1	69-120	WG297644
ns-1,2-Dichloroethene	mg/kg	.05	0.0509	102.	68-130	WG297644
ns-1,3-Dichloropropene	ma/ka	.05	0.0552	110.	51-115 70-124	WG297644 WG297644
chloroethene	mg/kg	.05	0.0521	104. 95.0	46-131	WG297644
chlorofluoromethane	mg/kg	.05	0.0475	95.0 85.3	49-133	WG297644
vl chloride	mg/kg	.05	0.0426 0.143	95.2	69-126	WG297644
énes, Total	mg/kg	.15	0.143	٠.٠	07 120	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
cury	mg/kg	16.9	15.7	92.9	65.1-134	WG297742
r	mg/kg	16.9	14.4	85.2	65.1-134	WG297743
cury				05.0	66-134	WG297849
,1,2-Tetrachloroethane	mg/kg	.05	0.0479	95.8 89.9	56-142	WG297849
1-Trichloroethane	mg/kg	. 05	0.0449 0.0482	96.3	68-122	WG297849
,2,2-Tetrachloroethane	mg/kg	. 05	U.U~0Z	٠.٥		



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enix, AZ 85040

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2-Trichloroethane	mg/kg	.05	0.0479	95.8	69-118	WG297849
	rabas	catory Cont	rol Sample			
	Units	Known Val	Result	% Rec	Limit	Batch
<u>yte</u>	OHICS	1410 111 1412				******
2-Trichloro-1,2,2-trifluoroethane	mg/kg	.05	0.0392	78.3	62-146	WG297849 WG297849
Dichloroethane	mg/kg	.05	0.0417	83.4	55-133	WG297849
Dichloroethene	mg/kg	.05	0.0366	73.3	65-129 63-130	WG297849
Dichloropropene	mg/kg	.05	0.0392	78.3 124.	60-149	WG297849
3-Trichlorobenzene	mg/kg	.05	0.0618	108.	65-137	WG297849
3-Trichloropropane	mg/kg	.05	0.0538	89.8		WG297849
3-Trimethylbenzene	mg/kg	.05	0.0449 0.0555	111.	59-160	WG297849
4-Trichlorobenzene	mg/kg	.05 .05	0.0480	96.0	59-138	WG297849
4-Trimethylbenzene	mg/kg	.05	0.0474	94.8		WG297849
Dibromo-3-Chloropropane	mg/kg	.05	0.0491	98.3	64-129	WG297849
Dibromoethane	mg/kg mg/kg	.05	0.0482	96.4	70-126	WG297849
Dichlorobenzene	mg/kg	.05	0.0497	99.4	55-139	WG297849
Dichloroethane	mg/kg	.05	0.0456	91.1	64-124	WG297849
Dichloropropane	mg/kg	.05	0.0463	92.5	66-132	WG297849
5-Trimethylbenzene	mg/kg	.05	0.0500	100.	64-139	WG297849
Dichlorobenzene	mg/kg	.05	0.0474	94.8	71-122	WG297849
Dichloropropane Dichlorobenzene	mg/kg	.05	0.0533	107.	66-129 51-149	WG297849 WG297849
-Dichloropropane	mg/kg	.05	0.0456		51-149 47-134	WG297849
itanone (MEK)	mg/kg	.25	0.217	86.8 28.6	44-142	WG297849
loroethyl vinyl ether	mg/kg	.25	0.0715	92.1		WG297849
lorotoluene	mg/kg	.05	0.0461 0.0462	92.5	69-133	WG297849
lorotoluene	mg/kg	.05	0.0462	90.5	55-132	WG297849
sthyl-2-pentanone (MIBK)	mg/kg	.25 .25	0.226	94.3	49-158	WG297849
ione	mg/kg	.25	0.210	84.2	44-126	WG297849
/lonitrile	mg/kg mg/kg	.05	0.0404	80.9	65-123	WG297849
zene	mg/kg	.05	0.0462	92.3		WG297849
nobenzene	mg/kg	.05	0.0487	97.4	67-126	WG297849
nodichloromethane	mg/kg	.05	0.0502	100.	56-144	WG297849
noform	mg/kg	.05	0.0466	93.3	37-117	WG297849
nomethane oon tetrachloride	mg/kg	.05	0.0491	98.2	61-146	WG297849
probenzene	mg/kg	.05	0.0446	89.2	68-130 64-131	WG297849 WG297849
prodibromomethane	mg/kg	.05	0.0504	101. 80.8	49-148	WG297849
proethane	mg/kg	.05	0.0404	91.1	63-125	WG297849
proform	mg/kg	.05	0.0455	79.2	41-147	WG297849
promethane	mg/kg	.05	0.0396 0.0422	84.4	68-121	WG297849
-1,2-Dichloroethene	mg/kg	.05	0.0422	95.8	69-120	WG297849
-1,3-Dichloropropene	mg/kg	.05 .05	0.0451	90.3	58-124	WG297849
isopropyl ether	mg/kg mg/ka	.05	0.0493	98.7	68-122	WG297849
romomethane	mg/kg	.05	0.0479	95.9	45-139	WG297849
nlorodifluoromethane	mg/kg	.05	0.0411	82.2	69-124	WG297849
ylbenzene	mg/kg	.05	0.0468	93.6	59-129	WG297849
achlorobutadiene	mg/kg	.05	0.0442	88.4	69-133	WG297849
propylbenzene	mg/kg	.05	0.0494	98.9	56-132	WG297849
nyl tert-butyl ether	mg/kg	.05	0.0432	86.4	55-125	WG297849
hylene Chloride	mg/kg	.05	0.0440	88.0	61-136	WG297849
utylbenzene	mg/kg	.05	0.0453	90.6	68-129	WG297849
ropylbenzene	mg/kg	.05	0.0503	101.	63-146	WG297849
hthalene	mg/kg	.05	0.0475	95.0	64-141	WG297849
sopropyltoluene -Butylbenzene	mg/kg	.05	0.0452	90.5	66-133	WG297849
	mg/kg	.05	0.0460	91.9	68-126	WG297849
rene t-Butylbenzene	mg/kg	.05	0.0455	90.9	64-136	WG297849 WG297849
rachloroethene	mg/kg	.05	0.0416	83.2	62-143 69-120	WG297849
iene	mg/kg	.05	0.0449	89.8	69-120 68-130	WG297849
ns-1,2-Dichloroethene	mg/kg	.05	0.0375	75.0 99.6	51-115	WG297849
ns-1,3-Dichloropropene	mg/kg	- 05	0.0498	99.6 86.6	70-124	WG297849
chloroethene	mg/kg	.05	0.0433	60.6	, o - ± = =	
VIII T =						



Tax I.D. 62-0814289

Est. 1970

stern Technologies /id Regonini 37 East Broadway Rd.

penix, AZ 85040

Quality Assurance Report Level II

L290880

chlorofluoromethane	mg/kg	.05	0 .	.0475	94.	9 4	16-131	WG297849
lyta	Lah Units	oratory ( Known	Control Sa Val Re	ample esult	% Re	2 I	Limit	Batch
lyte								
/l chloride enes, Total	mg/kg mg/kg	.05 .15		.0437 .128	87. 85.		19-133 59-126	WG297849 WG297849
	<u> </u>				_			
Lyte		LCSD Res	l Sample Ref Res	RPD	e Limit	Rec	Batch	1
1260	mg/kg	0.141	0.138	1.92	20	34	. WG297	614
ethylnaphthalene ethylnaphthalene eaphthylene eaphthylene eracene eo(a)anthracene eo(a)pyrene eo(b)fluoranthene eo(g,h,i)perylene eo(k)fluoranthene esene enz(a,h)anthracene eranthene erene eno(1,2,3-cd)pyrene ethalene eanthrene ene	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	0.605 0.609 0.789 1.11 1.21 1.20 1.19 1.32 1.38 1.24 1.36 0.965 1.22 0.550 1.29	0.486 0.490 0.6663 1.32 1.21 1.20 1.16 1.31 1.32 1.35 0.442 1.05	21.9 21.8 17.1 17.4 1.53 0.748 0.0046 0.631 2.18 0.767 0.297 1.83 0.298 12.9 2.51 21.7 4.26 0.0030	24 26 27 15 13 13 14 15 14 15 14 15 14 15 12 13 13 14 15 14 15 14 15 14 15 14 15 16 16 16 16 16 16 16 16 16 16 16 16 16	46 46 50 50 34 99 92 91 00 100 100 103 73 92 112 33	WG297 WG297 WG297 WG297 WG297 WG297 WG297 WG297 WG297 WG297 WG297 WG297	624 624 624 624 624 624 624 624 624 624
-C22 Hydrocarbons -C32 Hydrocarbons	mg/kg mg/kg	24.1 22.9	22.2 22.6	8.13 1.48		30 76	WG297 WG297	
1,2-Tetrachloroethane 1-Trichloroethane 2,2-Tetrachloroethane 2-Trichloroethane 2-Trichloroethane 2-Trichloroethane Dichloroethane Dichloroethane Dichloropropene 3-Trichlorobenzene 3-Trichloropropane 3-Trimethylbenzene 4-Trimethylbenzene 4-Trimethylbenzene Dibromo-3-Chloropropane Dibromoethane Dichloroethane Dichloropropane 5-Trimethylbenzene Dichloropropane 5-Trimethylbenzene Dichloropropane 5-Trimethylbenzene Dichloropropane 5-Trimethylbenzene Dichloropropane Dichloropropane Dichloropropane Dichlorobenzene Dichloropropane Lanone (MEK) loroethyl vinyl ether lorotoluene lorotoluene thyl-2-pentanone (MIBK) one	mg/kg mg/kg mg/kkg mg/kkg mg/kkg mg/kkg mg/kkkg mg/kkkg mg/kkkg mg/kkkg mg/kkkg mg/kkkg mg/kg mg/kg	0.0474 0.0525 0.0480 0.0470 0.0453 0.05049 0.0474 0.0471 0.0501 0.0490 0.0472 0.05493 0.0485 0.0485 0.04559 0.04559 0.04559 0.04570 0.0470 0.0470 0.0234 0.0234	0.0462 0.0499 0.04981 0.0460 0.05263 0.05213 0.0516 0.05395 0.0521 0.05395 0.05221 0.05481 0.05221 0.05481 0.04989 0.04989 0.045336 0.04536 0.0	2.62933213.99321.993321.399321.399321.399321.399321.399321.399331.399311	16 14 17 19 19 19 19 19 19 19 19 19 19 19 19 19	95 96 96 97 97 97 97 97 97 97 97 97 97 97 97 97	WG297 WG297 WG297 WG297 WG297 WG297 WG297 WG297 WG297 WG297 WG297 WG297 WG297 WG297 WG297 WG297 WG297 WG297 WG297	644 644 644 644 644 644 644 644 644 644



Tax I.D. 62-0814289

Est. 1970

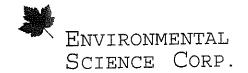
tern Technologies id Regonini 7 East Broadway Rd.

enix, AZ 85040

Quality Assurance Report Level II

L290880

Donitrile					3 7 77	18	. 96	WG297644
ene		mg/kg	0.240	0.269	11.7		. 30	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
ene		Laborato	ry Control	Sample	Duplicate	e Timit	- %Pac	Ratch
ene		<u> Units</u>	LCSD Res I	Ref Res	KPD	اااالدند	L SKEC	Datell
ene wobenzeme workspread on 0.0485 0.0485 0.0481 1.09 15 97 W0297644 obtenzeme workspread worksprea	7-7-		0.0509	0.0520	2.44	13	102	WG297644
obeneamen         md/kg         0.0508         0.0518         0.0776         13         102         MG297644           ofcorm         mg/kg         0.0478         0.0506         6.17         16         98         WG297644           ofcorm         mg/kg         0.0428         0.0438         3.62         20         86         WG297644           come Letrachloride         mg/kg         0.0548         0.0521         0.252         16         10         WG297644           cobername         mg/kg         0.0489         0.0621         0.225         16         10         WG297644           crockiname         mg/kg         0.0489         0.0401         0.48         16         103         WG297644           crockiname         mg/kg         0.0408         0.0413         0.68         16         10         WG297644           crockiname         mg/kg         0.0409         0.0521         0.0437         7.36         17         11         40         WG297644           crockiname         mg/kg         0.0521         0.0521         0.0527         1.5         14         40         20         20         16         18         40         20         20         16<	ene				1.09			WG297644
Octobar   Octo	obenzene		0.0403			1.3	102	WG297644
Deform	odichloromethane						95	
comethane         mg/kg         0.05499         0.05552         0.605         16         110         MG297644           on tetrachloride         mg/kg         0.04890         0.0490         0.228         16         10         MG297644           rodipromomethane         mg/kg         0.0389         0.04915         0.481         16         103         MG297644           rocomethane         mg/kg         0.0389         0.04054         2.66         17         88         MG297644           rocomethane         mg/kg         0.0406         0.0437         2.66         17         11         WG297644           1,2-Dichloroethene         mg/kg         0.0508         0.0527         0.937         15         104         WG297644           1,2-Dichloroethene         mg/kg         0.0503         0.0527         0.937         15         104         WG297644           1,2-Dichloroethene         mg/kg         0.0523         0.0527         0.937         15         104         WG297644           1,2-Dichloroethene         mg/kg         0.0468         0.0524         0.0521         0.10         WG297644           1benzal         mg/kg         0.0468         0.0527         0.937         16 <td>oform</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>86</td> <td>WG297644</td>	oform						86	WG297644
on tetrachlorate mg/kg	iomethane	mg/kg				16	110	
robenzene rodibromomethane rodibromometh	on tetrachloride					16	98	WG297644
rodiformomethane mg/kg 0.0491 0.0504 2.62 14 98 MG297644 roform mg/kg 0.0491 0.0504 2.62 14 98 MG297644 roform mg/kg 0.0406 0.0514 2.02 15 18 1	robenzene	mg/kg				16	103	WG297644
roofcrm					6.48	16	78	
roferm romethane   mg/kg   0.0406   0.0437   7.36   17   81   WG297644     1,2-Dichloroethene   mg/kg   0.0521   0.0527   0.0997   15   104   WG297644     1,3-Dichloropropene   mg/kg   0.0521   0.0527   0.0997   15   104   WG297644     1,3-Dichloropropene   mg/kg   0.0523   0.0537   0.0537   0.097   15   105   WG297644     sopropyl ether   mg/kg   0.0523   0.0537   0.05	roethane	ma/ka			2.62	14	98	
	roform	mg/kg				17	81	
1,2 - Dischloropernesister   mg/kg   0.0521   0.0527   0.997   15   104   WG297644   sopropyl ether   mg/kg   0.0508   0.0524   3.05   15   102   WG297644   sopropyl ether   mg/kg   0.0523   0.0537   2.63   14   105   WG297644   mg/kg   0.0468   0.0469   0.0510   2.35   19   100   WG297644   mg/kg   0.0468   0.0469   0.0510   2.35   19   100   WG297644   mg/kg   0.0468   0.0469   0.0510   2.35   19   100   WG297644   mg/kg   0.0468   0.0469   0.0510   0.052   0.0537   0.052   0.0537   0.052   0.0537	romethane				2.02	15	101	
1,3-bichloropropens	1,2-Dichloroethene	ma/ka	0.0521		0.997	15		
Sopropy  ether	1,3-Dichloropropene	mg/kg	0.0508					
Sommethane	sopropyl etner				2.63	14		
chorodifitoromethane	omomethane	ma/ka			2:35	19		
Themzene	ilorodifluoromethane				0.237	15		
ichlorobutadiene mg/kg 0.0473 0.0472 0.220 16 95 MG297644 yr) text-butyl ether mg/kg 0.0438 0.04513 3.92 16 88 MG297644 yr) text-butyl ether mg/kg 0.0418 0.0431 3.17 15 84 MG297644 itylbenzene mg/kg 0.0461 0.0431 3.17 15 84 MG297644 itylbenzene mg/kg 0.0468 0.0465 0.685 16 94 MG297644 itylbenzene mg/kg 0.0468 0.0465 0.685 16 94 MG297644 ithalene mg/kg 0.0468 0.0465 0.0504 10.1 21 91 MG297644 sutylbenzene mg/kg 0.0455 0.0504 10.1 21 91 MG297644 sutylbenzene mg/kg 0.0455 0.0504 10.1 21 91 MG297644 ithalene mg/kg 0.0503 0.0504 10.1 21 91 MG297644 sutylbenzene mg/kg 0.0455 0.0476 0.0477 0.924 16 100 MG297644 sutylbenzene mg/kg 0.0475 0.0474 0.0277 15 95 MG297644 ithalene mg/kg 0.0508 0.0509 0.0620 16 102 MG297644 sutylbenzene mg/kg 0.0476 0.0477 0.0157 16 95 MG297644 ithalene mg/kg 0.0476 0.0477 0.0509 0.0620 16 102 MG297644 ithalene mg/kg 0.0476 0.0477 0.0509 0.0620 16 102 MG297644 ithalene mg/kg 0.0476 0.0477 0.0509 0.0620 16 102 MG297644 ithalene mg/kg 0.0476 0.0477 0.0509 0.0502 1.4 18 98 MG297644 ithalene mg/kg 0.0489 0.0502 2.42 18 98 MG297644 ithalene mg/kg 0.0489 0.0552 3.6 1 17 107 MG297644 ithalene mg/kg 0.0533 0.0552 3.6 1 17 107 MG297644 ithalene mg/kg 0.0533 0.0552 3.6 1 17 107 MG297644 ithalene mg/kg 0.0533 0.0552 3.6 1 17 107 MG297644 ithalene mg/kg 0.0456 0.0475 4.06 15 91 MG297644 ithalene mg/kg 0.0456 0.0475 4.06 15 91 MG297644 ithalene mg/kg 0.0456 0.0475 4.06 15 91 MG297644 ithalene mg/kg 0.0491 0.0492 1.15 16 94 MG297849 ithalene mg/kg 0.0491 0.0492 1.15 16 97 MG297849 ithalene mg/kg 0.0491 0.0492 1.15 16 97 MG297849 ithalene mg/kg 0.0491 0.0492 1.15 16 97 MG297849 ithalene mg/kg 0.0491 0.0492 1.15 16 97 MG297849 ithalene mg/kg 0.0492 0.0492 0.0392 6.90 17 84 MG297849 ithalene mg/kg 0.0492 0.0492 0.0392 6.90 17 84 MG297849 ithalene mg/kg 0.0492 0.0492 0.0392 6.90 17 84 MG297849 ithalene mg/kg 0.0492 0.0492 0.0392 6.90 17 84 MG297849 ithalene mg/kg 0.0492 0.0492 0.0392 6.90 17 84 MG297849 ithalene mg/kg 0.0492 0.0492 0.0492 0.0392 6.90 17 84 MG297849 ithalene mg/kg 0.0492 0.0492 0.0492 0.0392 6.	lbenzene	ma/ka			5.33	16		
	ichlorobutadiene				0.220	16		· ·
	ropylbenzene				3.92	16		
		ma/ka		0.0431				
Itylenzene	NYLANA CHIOTIGE	ma/ka		0.0477				
Topy  Denzene	itylbenzene	ma/ka		0.0465	0.685			
Strate   S				0.0504	10.1			
## Bittylbenzene	ithalene							
### Patry Figure 1	sopropyltoidene	ma/ka		0.0474	0.227			
Table		ma/ka		0.0509				
Tachloroethene		mg/kg		0.0477				
mg/kg	:-Bucylbenzene		0.0490	0.0502				
Signature   mg/kg   0.0497   0.0509   2.29   17   99   MG297644   18-1,3-Dichloropropene   mg/kg   0.0533   0.0552   0.615   14   105   MG297644   105   MG297649   105   MG297644   105   MG297649   105   MG297649   105   MG297649   105   MG297649   105   MG297649   105   MG297649   105   MG297649   105   MG297649   105   MG297649   105   MG297649   105   MG297649   105   MG297649   105   MG297649   105   MG297649   105   MG297649   105   MG297649   105   MG297649   105   MG297649   105   MG29			0.0489					
12-17.2   12-1	lene	mā/kā	0.0497					
State   Stat	18-1,2-Dichloropropere	mg/kg						
Thiorofluoromethane								and the second s
Chloride   mg/kg   0.145   0.143   1.45   14   97   WG297644	shlorofluoromethane							
## Inspired ### In	a chloride							
1.2-Tetrachloroethane	anes Total	mg/kg	0.145	0.143	1.45	7 <del>4</del>	9	110257011
1.2-Tetrachloroethane	Siled, 105an			0.0470	2 26	16	98	WG297849
1-Trichloroethane	1 2-Tetrachloroethane	mg/kg		-				
1.16	1-Trichloroethane	mg/kg						
2-Trichloroethane	2.2-Tetrachloroethane							
2-Trichloro-1,2,2-trifluoroethane	a maichlaracthane							
-Dichloroethane -Dichloroethene -Dichloropropene -Dichloropropene -Dichloropropene -Dichloropropene -Dichloropropene -Dichloropropane -Dichlor	2-Trichloro-1,2,2-trifluoroethane							
-Dichloroethene -Dichloropropene -Dichloropropene -Jichloropropene -Jichloropropene -Jichloropropene -Jichloropropene -Jichloropropene -Jichloropropene -Jichloropropane -Jichlo	-Dichloroethane							
-Dichloropropene mg/kg 0.0628 0.0618 1.60 21 126 WG297849 mg/kg 0.0572 0.0538 6.13 19 114 WG297849 mg/kg 0.0572 0.0538 6.13 19 114 WG297849 mg/kg 0.0449 0.0449 0.0588 15 90 WG297849 mg/kg 0.0564 0.0555 1.68 20 113 WG297849 mg/kg 0.0490 0.0480 2.14 15 98 WG297849 mg/kg 0.0490 0.0480 2.14 15 98 WG297849 mg/kg 0.0515 0.0474 8.30 20 103 WG297849 mg/kg 0.0502 0.0491 2.09 23 100 WG297849 mg/kg 0.0502 0.0491 2.09 23 100 WG297849 mg/kg 0.0502 0.0491 2.09 23 100 WG297849 mg/kg 0.0511 0.0497 2.81 15 102 WG297849 mg/kg 0.0511 0.0497 2.81 15 102 WG297849 mg/kg 0.0511 0.0497 2.81 15 102 WG297849 mg/kg 0.0479 0.0456 4.99 16 96 WG297849 mg/kg 0.0473 0.0463 2.23 15 95 WG297849 mg/kg 0.0473 0.0463 2.23 15 95 WG297849 mg/kg 0.0500 0.0500 1.66 18 102 WG297849 mg/kg 0.0481 0.0474 1.40 15 96 WG297849 mg/kg 0.0481 0.0474 1.40 15 96 WG297849 mg/kg 0.0481 0.0474 1.40 15 96 WG297849 mg/kg 0.0481 0.0474 1.40 15 96 WG297849 mg/kg 0.0481 0.0474 1.40 15 96 WG297849 mg/kg 0.0481 0.0474 1.40 15 96 WG297849 mg/kg 0.0481 0.0474 1.40 15 96 WG297849 mg/kg 0.0481 0.0474 1.40 15 96 WG297849 mg/kg 0.0481 0.0474 1.40 15 96 WG297849 mg/kg 0.0481 0.0474 1.40 15 96 WG297849 mg/kg 0.0533 1.04 17 106 WG297849	-Dichloroethene							
3-Trichlorobenzene	-Dichloropropene							
3-Trichloropropane	a-Trichlorobenzene	mg/kg						
3-Trimethylbenzene	3-Trichloropropane	mg/kg						WG297849
,4-Trichlorobenzene       mg/kg       0.0490       0.0480       2.14       15       98       WG297849         ,4-Trimethylbenzene       mg/kg       0.0490       0.0474       8.30       20       103       WG297849         -Dibromo-3-Chloropropane       mg/kg       0.0502       0.0491       2.09       23       100       WG297849         -Dibromoethane       mg/kg       0.0481       0.0482       0.247       15       96       WG297849         -Dichlorobenzene       mg/kg       0.0511       0.0497       2.81       15       102       WG297849         -Dichloropropane       mg/kg       0.0479       0.0456       4.99       16       96       WG297849         -5-Trimethylbenzene       mg/kg       0.0473       0.0463       2.23       15       95       WG297849         -Dichlorobenzene       mg/kg       0.0509       0.0500       1.65       18       102       WG297849         -Dichloropropane       mg/kg       0.0474       1.40       15       96       WG297849         -Dichloropropane       mg/kg       0.0474       1.04       15       96       WG297849	3-Trimethylbenzene	mg/kg						
.4-Trimethylbenzene       mg/kg       0.050       0.0474       8.30       20       103       WG297849         -Dibromo-3-Chloropropane       mg/kg       0.0502       0.0491       2.09       23       100       WG297849         -Dibromoethane       mg/kg       0.0481       0.0482       0.247       15       96       WG297849         -Dichlorobenzene       mg/kg       0.0511       0.0497       2.81       15       102       WG297849         -Dichloropropane       mg/kg       0.0479       0.0456       4.99       16       96       WG297849         -Dichloropropane       mg/kg       0.0473       0.0463       2.23       15       95       WG297849         -Dichlorobenzene       mg/kg       0.0509       0.0500       1.66       18       102       WG297849         -Dichloropropane       mg/kg       0.0474       1.40       15       96       WG297849         -Dichloropropane       mg/kg       0.0474       1.04       17       106       WG297849	4-Trichlorobenzene	mg/kg						WG297849
-Dibromo-3-Chloropropane mg/kg 0.0502 0.0491 2.09 23 100 WG297849 mg/kg 0.0502 0.0491 2.09 23 100 WG297849 mg/kg 0.0481 0.0482 0.247 15 96 WG297849 mg/kg 0.0511 0.0497 2.81 15 102 WG297849 mg/kg 0.0479 0.0456 4.99 16 96 WG297849 mg/kg 0.0479 0.0456 4.99 16 96 WG297849 mg/kg 0.0473 0.0463 2.23 15 95 WG297849 mg/kg 0.0500 1.66 18 102 WG297849 mg/kg 0.0500 1.66 18 102 WG297849 mg/kg 0.0481 0.0474 1.40 15 96 WG297849 mg/kg 0.0481 0.0474 1.40 15 96 WG297849 mg/kg 0.0533 1.04 17 106 WG297849	4-Trimethvlbenzene							WG297849
-Dibromoethane mg/kg 0.0481 0.0482 0.247 15 96 WG297849 -Dichlorobenzene mg/kg 0.0511 0.0497 2.81 15 102 WG297849 -Dichloropropane mg/kg 0.0479 0.0456 4.99 16 96 WG297849 -Dichloropropane mg/kg 0.0473 0.0463 2.23 15 95 WG297849 -Dichlorobenzene mg/kg 0.0509 0.0500 1.66 18 102 WG297849 -Dichloropropane mg/kg 0.0481 0.0474 1.40 15 96 WG297849 -Dichloropropane mg/kg 0.0481 0.0474 1.40 15 96 WG297849	-Dibromo-3-Chloropropane	mg/kg						WG297849
-Dichlorobenzene mg/kg 0.0511 0.0497 2.81 15 102 WG297849 -Dichloropropane mg/kg 0.0479 0.0456 4.99 16 96 WG297849 -Dichloropropane mg/kg 0.0473 0.0463 2.23 15 95 WG297849 -Dichlorobenzene mg/kg 0.0509 0.0500 1.66 18 102 WG297849 -Dichloropropane mg/kg 0.0481 0.0474 1.40 15 96 WG297849 -Dichloropropane mg/kg 0.0481 0.0474 1.40 15 96 WG297849	-Dibromoethane							
-Dichloroethane	-Dichlorobenzene							
-Dichloropropane mg/kg 0.0473 0.0463 2.23 15 95 WG297849 ,5-Trimethylbenzene mg/kg 0.0473 0.0509 0.0500 1.66 18 102 WG297849 -Dichloropropane mg/kg 0.0481 0.0474 1.40 15 96 WG297849 -Dichloropropane mg/kg 0.0481 0.0474 1.40 15 96 WG297849	-Dichloroethane							
,5-Trimethylbenzene mg/kg 0.0473 0.0500 1.66 18 102 WG297849 -Dichlorobenzene mg/kg 0.0481 0.0474 1.40 15 96 WG297849 -Dichloropropane mg/kg 0.0481 0.0533 1.04 17 106 WG297849	-Dichloropropane			-				
-Dichlorobenzene mg/kg 0.0481 0.0474 1.40 15 96 WG297849 -Dichloropropane mg/kg 0.0528 0.0533 1.04 17 106 WG297849	.5-Trimethylbenzene							
-Dichloropropane mg/kg 0.0528 0.0533 1.04 17 106 WG297849	-Dichlorobenzene							
	-Dichloropropane							WG297849
		mg/Kg	V.V326	0.0553				



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stern Technologies vid Regonini 37 East Broadway Rd.

oenix, AZ 85040

Quality Assurance Report Level II

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-Dichloropropane	mg/kg	0.0473	0.0456	3.63	19	95	WG297849	·
	Laborato	ry Contro	l Sample	Duplica RPD	ate Limit	%Rec	Batch	
lyte			- Luciara					
utanone (MEK)	mg/kg	0.232 0.0663	0.217	6.61 7.56	21 14	93 27	WG297849 WG297849	
hloroethyl vinyl ether	mg/kg mg/kg	0.0474	0.0461	2.96	19	95	WG297849	
hlorotoluene hlorotoluene	mg/kg	0.0479	0.0462	3.47	16	96	WG297849	
ethyl-2-pentanone (MIBK)	mg/kg	0.228	0.226	0.818		91	WG297849	
tone	mg/kg	0.244	0.236	3.57	31	98	WG297849	
ylonitrile	mg/kg	0.219	0.210	4.14 6.36	18 13	88 86	WG297849 WG297849	
zene	mg/kg	0.0431 0.0472	0.0404 0.0462	2.21	15	94	WG297849	
mobenzene	mg/kg mg/kg				13		WG297849	
modichloromethane moform	mg/kg	0.0512	0.0502	1.85	16	102	WG297849	
momethane	mg/kg	0.0493	0.0466	5.61	20	99	WG297849	
bon tetrachlóride	mq/kg	0.0512	0.0491			102	WG297849 WG297849	
orobenzene	mg/kg	0.0454	0.0446 0.0504	1.70 0.173	16 3 16	91 101	WG297849	
orodibromomethane	mg/kg mg/kg	0.0503 0.0427	0.0304	5.58		85	WG297849	
oroethane	mg/kg	0.0486	0.0455	6.57	14	97	WG297849	
oroform oromethane	mg/kg	0.0426	0.0396	7.15	17	85	WG297849	
-1,2-Dichloroethene	mg/kg	0.0444	0.0422	5.22	15	89		
-1,3-Dichloropropene	mg/kg	0.0476	0.0479	0.627 3.84	7 15 15	95 94	WG297849 WG297849	
isopropyl ether	mg/kg	0.0469 0.0506	0.0451 0.0493	2.56	14	101	WG297849	
romomethane	mg/kg mg/kg	0.0504	0.0479	4.91	19	101	WG297849	
hlorodifluoromethane ylbenzene	mg/kg	0.0430	0.0411	4.43	15	86	WG297849	
achlorobutadiene	mg/kg	0.0469	0.0468	0.159		94	WG297849	
propylbenzene	mg/kg	0.0461	0.0442	4.27	16 16	92 102	WG297849 WG297849	
hyl tert-butyl ether	mg/kg	0.0512 0.0449	0.0494	3.54 3.91	15			
hylene Chloride	mg/kg mg/kg	0.0449	0.0432	0.568		88	WG297849	
utylbenzene	mg/kg	0.0466	0.0453	2.78	16	93	WG297849	
ropylbenzene hthalene	mg/kg	0.0521	0.0503	3.52	21	104	WG297849	
sopropyltoluene	mg/kg	0.0498	0.0475	4.81	16	100	WG297849	
-Butylbenzene	mg/kg	0.0463	0.0452	2.29 1.71	15 16	93 94	WG297849 WG297849	
rene	mg/kg	0.0468 0.0469	0.0460 0.0455	3.09	16	94	WG297849	
t-Butylbenzene	mg/kg mg/kg	0.0454	0.0416	8.77	18	91	WG297849	
rachloroethene	mg/kg	0.0462	0.0449	2.79	13	92	WG297849	
uene ns-1,2-Dichloroethene	mg/kg	0.0411	0.0375	9.14	17	82	WG297849	
ns-1,3-Dichloropropene	mg/kg	0.0503	0.0498	1.01	17	101	WG297849	•
chloroethene	mg/kg	0.0451	0.0433	4.08 5.62	1.4 1.5	90 100	WG297849 WG297849	
chlorofluoromethane	mg/kg	0.0502 0.0462	0.0475 0.0437	5.63	1.5	92	WG297849	
yl chloride	mg/kg mg/kg	0.133	0.128	4.25	14	89	WG297849	
enes, Total	(1197 719	<u> </u>						
			x Spike	TV	% Rec I	.imit	Ref Samp	Batch
lyte	Units	MS Res	Ref Res	1 V	o Kec 1	371117 C	Ker Damp	Dacen
enic	mg/kg	47.0	3.90	50	86.2 7		L290880-01	
ium	mg/kg	116.	89.0	50	54.0 7	75-125	L290880-01	
mium	mg/kg	44.0	1.20	50	85.6 7	75-125	L290880-01	
omium	mg/kg	51.0	9.80	50 50	82.4 7 83.2 7		L290880-01 L290880-01	
ď	mg/kg	49.1 43.9	7.50 0.00	50	87.8 7		L290880-01	
enium	mg/kg mg/kg	45.5	0.00	50	91.0 7		L290880-01	
ver		٠.٠			·			
ethylnaphthalene	ppm	0.449	0.00	1.32	34.0 3		L290750-01	
ethylnaphthalene	ppm	0.443	0.00	1.32	33.6 3		L290750-01 L290750-01	
naphthene	ppm	0.759	0.00	1.32 1.32	57.5 4 55.6 3		L290750-01	
naphthylene	ppm	0.734	0.00	<i>ىك ن</i> ە د	22.03			



Tax I.D. 62-0814289

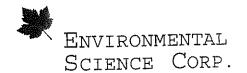
Est. 1970

tern Technologies id Regonini 7 East Broadway Rd.

Quality Assurance Report Level II

enix, AZ 85040 L290880

		F530880	,				
	maga	1.24	0.00	1.32	94.2 48-112	L290750-01	WG297624
racene							
			Spike	mu	% Rec Limit	Ref Samp	Batch
yte	Units	MS Res	Ref Res	TV	S NGC TITULE	ner bamp	
	nnm	1.38	0.00	1.32	104. 37-118	L290750-01	WG297624
o(a)anthracene	ppm	1.26	0.00	1.32	95.4 41-102	L290750-01	WG297624
o(a)pyrene	ppm	1.26	0.00	1.32	95.7 36-114	L290750-01	WG297624
o(b)fluoranthene o(g,h,i)perylene	ppm	1.25	0.00	1.32	94.6 34-105	L290750-01	WG297624
o(k)fluoranthene	ppm	1.39	0.00	1.32	105. 41-100 110. 45-101	L290750-01 L290750-01	WG297624
sene	ppm	1.45	0.00	1.32 1.32	110. 45-101 98.4 34-110	L290750-01	WG297624
nz(a,h)anthracene	ppm	1.30	0.00	1.32	112. 40-117	L290750-01	
ranthene	ppm	1.48 1.04	0.00	1.32	79.0 38-110	L290750-01	WG297624
rene	mag	1 28	0.00	1.32	96.8 34-106	L290750-01	WG297624
no(1,2,3-cd)pyrene	ppm	0.351	0.00	1.32	26.6 32-97	L290750-01	WG297624
thalene anthrene	ppm	1.27	0.00	1.32	96.5 48-105	L290750-01	WG297624
negatione de la constitution de	ppm	1.41	0.00	1.32	107. 50-105	L290750-01	. WGZ97024
44 Sec. 1, With the residence of the first of the control of the c			0 00	30	80.5 47-144	L290875-04	WG297626
C22 Hydrocarbons	mg/kg	24.1	0.00	30	76.7 47-144	L290875-04	
C32 Hydrocarbons	mg/kg	23.0	0.00	30	,0., .,	<b></b>	
	mg/kg	0.151	0.00	.05	60.4 56-123	L290483-02	
1,2-Tetrachloroethane	mg/kg	0.199	0.00	.05	79.6 53-139	L290483-02	
1-Trichloroethane 2,2-Tetrachloroethane	mg/kg	0.178	0.00	.05	71.3 37-133	L290483-02	
2-Triablaraethane	mg/kg	0.203	0.00	.05	81.2 61-113 45.1 56-115	L290483-02 L290483-02	
2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.121	0.0081		90.3 64-127	L290483-02	
Dichloroethane	mg/kg	0.226	0.00 0.00	.05 .05	72.4 64-126	L290483-02	
Dichloroethene	mg/kg mg/kg	0.181 0.162	0.00	.05	64.7 55-108	L290483-02	WG297644
Dichloropropene	mg/kg	0.0364	0.00	.05	14.6 30-113	L290483-02	
3-Trichlorobenzene	mg/kg	0.195	0.00	.05	78.1 47-138	L290483-02	
3-Trichloropropane 3-Trimethylbenzene	mg/kg	0.0677	0.00	.05	27.1 42-96	L290483-02 L290483-02	
4-Trichlorobenzene	mg/kg	0.0337	0.00	.05	13.5 30-104 25.8 38-108	L290483-02	
4-Trimethylbenzene	mg/kg	0.0645	0.00	.05 .05	65.5 39-135	L290483-02	
Dibromo-3-Chloropropane	mg/kg	0.164 0.204	0.00 0.00	.05	81.8 57-120	L290483-02	
Dibromoethane	mg/kg mg/kg	0.204	0.00	.05	29.9 36-110	L290483-02	
Dichlorobenzene	mg/kg	0.259	0.00	.05	103. 46-147	L290483-02	
Dichloroethane	mg/kg	0.210	0.00	.05	84.1 63-124	L290483-02	
Dichloropropane 5-Trimethylbenzene	πg/kg	0.0615	0.00	.05	24.6 39-106	L290483-02 L290483-02	
Dichlorobenzene	mg/kg	0.0701	0.00	.05	28.0 31-109 76.0 65-116	L290483-02	
Dichloropropane	mg/kg	0.190	0.00	.05 .05	28.6 32-102	L290483-02	
Dichlorobenzene	mg/kg	0.0714 0.210	0.00	.05	84.0 49-138	L290483-02	
Dichloropropane	mg/kg mg/kg	1.29	0.00	.25	103. 43-137	L290483-02	
itanone (MEK)	mg/kg	1.29	0.00	.25	103. 40-138	L290483-02	
floroethyl vinyl ether florotoluene	mg/kg	0.0798	0.00	.05	31.9 45-111	L290483-02	
lorotoluene	mg/kg	0.0788	0.00	.05	31.5 38-106	L290483-02 L290483-02	
thyl-2-pentanone (MIBK)	mg/kg	1.07	0.00	.25	85.3 47-133 100. 33-148	L290483-02	WG297644
ione	mg/kg	1.25	0.00 0.00	.25 .25	101. 40-126	L290483-02	WG297644
rlonitrile	mg/kg	1.26	0.00	.05	83.1 54-119	L290483-02	WG297644
:ene	mg/kg mg/kg	0.208 0.121	0.00	.05	48.5 45-116	L290483-02	WG297644
obenzene	mg/kg	0.205	0.00	.05	82.1 51-125	L290483-02	WG297644
nodichloromethane	mg/kg	0.175	0.00	.05	70.1 44-135	L290483-02	WG297644
noform nomethane	mg/kg	0.205	0.00	.05	81.9 30-113	ь290483-02	WG297644
on tetrachloride	mg/kg	0.166	0.00	.05	66.5 47-133 53.6 53-110	L290483-02	: WG237644 : WG297644
robenzene	mg/kg	0.134	0.00	.05	77.4 53-110		
rodibromomethane	mg/kg	0.193	0.00	.05 .05	72.0 42-149		
roethane	mg/kg	0.180 0.215	0.00	.05	86.2 61-127	L290483-02	WG297644
roform	mg/kg mg/kg	0.215	0.00	.05	71.8 35-140	L290483-02	WG297644
promethane	mg/kg	0.217	0.00	.05	86.9 67-120	L290483-02	WG297644
1,2-Dichloroethene	5/ ***	- · ·					



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Est. 1970

tern Technologies id Regonini 7 East Broadway Rd.

enix, AZ 85040

Quality Assurance Report Level II

L290880

1,3-Dichloropropene	mg/kg	0.195	0.00	.05	78.2 53-113	L290483-02 WG297644
1,0 21012-1-1		Matrix	Spike			n-f dama Datah
yte	Units	MS Res	Ref Res	TV	% Rec Limit	Ref Samp Batch
• • • • • • • • • • • • • • • • • • •	mg/kg	0.237	0.00	.05	94.8 62-119	L290483-02 WG297644
sopropyl ether omomethane	mg/kg	0.232	0.00	.05	93 0 57-126	L290483-02 WG297644 L290483-02 WG297644
lorodifluoromethane	mg/kg	0.220	0.00	.05	87.8 34-140	L290483-02 WG297644 L290483-02 WG297644
lbenzene	mg/kg	0.100	0.00	.05 .05	40.0 47-111 7.6 30-91	L290483-02 WG297644
chlorobutadiene	mg/kg	0.0191 0.0724	0.00	.05	29.0 49-110	L290483-02 WG297644
ropylbenzene	mg/kg mg/kg	0.239	0.00	.05	95.7 63-131	L290483-02 WG297644
yl tert-butyl ether	mg/kg	0.191	0.00	.05	76.2 54-123	L290483-02 WG297644
ivlene Chloride Etylbenzene	mg/kg	0.0310	0.00	.05	12.4 36-94	L290483-02 WG297644 L290483-02 WG297644
opylbenzene	mg/kg	0.0600	0.00	.05	24.0 43-101 25.6 33-125	L290483-02 WG297644
ithalene	mg/kg	0.0641	0.00	.05 .05	17.0 34-105	L290483-02 WG297644
opropyltoluene	mg/kg mg/kg	0.0426 0.0431	0.00	.05	17.2 37-105	L290483-02 WG297644
Butylbenzene	mg/kg	0.122	0.00	.05	48.7 43-107	L290483-02 WG297644
tene	mg/kg	0.0531	0.00	.05	21.3 45-112	L290483-02 WG297644
:-Butylbenzene :achloroethene	mg/kg	0.0863	0.00	.05	34.5.40-114	L290483-02 WG297644
iene	mg/kg	0.152	0.00	.05	61.0 54-109 77.2 58-118	L290483-02 WG297644 L290483-02 WG297644
ıs-1,2-Dichloroethene	mg/kg	0.193	0.00	.05 .05	84.4 41-107	and the second control of the second control
ns-1,3-Dichloropropene	mg/kg	0.211 0.166	0.00	.05	66.5 56-119	L290483-02 WG297644
hloroethene	mg/kg mg/kg	0.179	0.00	.05	71.7 39-126	L290483-02 WG297644
chlorofluoromethane	mg/kg	0.180	0.00	.05	72.1 39-127	L290483-02 WG297644
/l chloride enes, Total	mg/kg	0.302	0.00	.15	40.2 51-107	L290483-02 WG297644
511657 10001	<i>5</i> 1.	0 060	0.0200	. 25	97 2 70-130	L290880-01 WG297742
cury	mg/kg	0.263	0.0200	.25	J7.2 (0.250)	
cury	mg/kg	0.254	0.00	.25	102. 70-130	L290880-07 WG297743
	(1	0.188	0.00	.05	75.1 56-123	L290794-11 WG297849
,1,2-Tetrachloroethane	mg/kg mg/kg	0.163	0.00	.05	65.3 53-139	L290794-11 WG297849
,1-Trichloroethane	mg/kg	0.174	0.00	.05	69.5 37-133	L290794-11 WG297849
,2,2-Tetrachloroethane ,2-Trichloroethane	mg/kg	0.198	0.00	.05	79.3 61-113	L290794-11 WG297849
,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.152	0.0130		55.7 56-115	L290794-11 WG297849 L290794-11 WG297849
-Dichloroethane	mg/kg	0.162	0.00	.05	65.0 64-127 58.9 64-126	L290794-11 WG297849
-Dichloroethene	mg/kg	0.147	0.00	.05 .05	53.1 55-108	L290794-11 WG297849
-Dichloropropene	mg/kg mg/kg	0.133 0.125	0.00	.05	50.0 30-113	L290794-11 WG297849
,3-Trichlorobenzene	mg/kg	0.205	0.00	.05	82.2 47-138	L290794-11 WG297849
,3-Trichloropropane	mg/kg	0.174	0.00	.05	69.6 42-96	L290794-11 WG297849
,3-Trimethylbenzene ,4-Trichlorobenzene	mg/kg	0.121	0.00	.05	48.6 30-104	L290794-11 WG297849
,4-Trimethylbenzene	mg/kg	0.156	0.00	.05	62.4 38-108	L290794-11 WG297849 L290794-11 WG297849
-Dibromo-3-Chloropropane	mg/kg	0.186	0.00	.05 .05	74.6 39-135 74.8 57-120	L290794-11 WG297849
-Dibromoethane	mg/kg	0.187	0.00	.05	69.2 36-110	L290794-11 WG297849
-Dichlorobenzene	mg/kg mg/kg	0.173 0.168	0.00	.05	67.4 46-147	L290794-11 WG297849
-Dichloroethane	mg/kg	0.181	0.00	.05	72.4 63-124	L290794-11 WG297849
-Dichloropropane	mg/kg	0.153	0.00	.05	61.3 39-106	L290794-11 WG297849
,5-Trimetĥylbenzene -Dichlorobenzene	mg/kg	0.151	0.00	.05	60.4 31-109	L290794-11 WG297849
-Dichloropropane	mg/kg	0.182	0.00	.05	73.0 65-116	L290794-11 WG297849 L290794-11 WG297849
-Dichlorobenzene	mg/kg	0.177	0.00	.05	70.7 32-102 64.6 49-138	L290794-11 WG297849
-Dichloropropane	mg/kg	0.161	0.00	.05 .25	68.3 43-137	L290794-11 WG297849
utanone (MEK)	mg/kg	0.854 0.262	0.00	.25	21.0 40-138	L290794-11 WG297849
nloroethyl vinyl ether	mg/kg mg/kg	0.262	0.00	.05	62.5 45-111	L290794-11 WG297849
nlorotoluene	mg/kg	0.147	0.00	.05	58.9 38-106	L290794-11 WG297849
nlorotoluene ethyl-2-pentanone (MIBK)	mg/kg	0.863	0.00	.25	69.0 47-133	L290794-11 WG297849
tone	mg/kg	0.878	0.390	. 25	39.0 33-148	L290794-11 WG297849 L290794-11 WG297849
ylonitrile	mg/kg	0.831	0.00	.25	66.5 40-126 63.6 54-119	L290794-11 WG297849 L290794-11 WG297849
zene	mg/kg	0.159	0.00	.05	03.0 04-113	



Tax I.D. 62-0814289

Est. 1970

stern Technologies /id Regonini 37 East Broadway Rd.

penix, AZ 85040

Quality Assurance Report Level II

L290880

nobenzene	mg/kg	0.153	0.00	.05	61.3	45-116	L290794-11	WG297849
1000110	***		O-11-					
	77-11-		ix Spike Ref Res	TV	& Dec	Limit	Ref Samp	Batch
Lyte	Units	MS Res	Ker Kes		0 1000	221113.0	1102 00	
77 77	mg/kg	0.173	0.00	.05	69.3	51~125	L290794-11	WG297849
nodichloromethane	mg/kg	0.179	0.00	.05	71.5	44-135	L290794-11	
noform	mg/kg	0.174	0.00	.05	69.5	30-113	L290794-11	
nomethane oon tetrachloride	mg/kg	0.152	0.00	.05	60.9	47-133	L290794-11	
orobenzene	mg/kg	0.170	0.00	.05		53-110	L290794-11	
prodibromomethane	mg/kg	0.186	0.00	.05		53-125	L290794-11	
proethane	mg/kg	0.142	0.00	.05		42-149	L290794-11	
oroform	mg/kg	0.175	0.00	.05		61-127	L290794-11 L290794-11	
promethane	mg/kg	0.139	0.00	.05	55.5	35-140 67-120	L290794-11	
-1,2-Dichloroethene	mg/kg	0.162	0.00	.05	64.0	53-113	L290794-11	
-1,3-Dichloropropene	mg/kg	0.168	0.00	.05 .05	68 1	62-119	L290794-11	WG297849
isopropyl ether	mg/kg	0.170 0.178	0.00	.05		57-126	L290794-11	
	mg/kg mg/kg	0.145	0.00	.05		34-140	L290794-11	
alorodifluoromethane	mg/kg	0.158	0.00	.05	63.3	47-111	L290794-11	WG297849
ylbenzene	mg/kg	0.0798		.05	31.9	30-91	L290794-11	
achlorobutadiene propylbenzene	mg/kg	0.159	0.00	.05	63.6	49-110	L290794-11	
oropyrbenzene	mg/kg	0.192	0.00	.05	76.7	63-131	L290794-11	
nvlene Chloride	mg/kg	0.188	0.0180			54-123	L290794-11	
nyl tert-butyl ether nylene Chloride utylbenzene	mg/kg	0.126	0.00	.05		36-94	L290794-11	
ropylbenzene	mg/kg	0.148	0.00	.05		43-101 33-125	L290794-11 L290794-11	
nthalene	mg/kg	0.145	0.00	.05		34-105	L290794-11	
sopropyltoluene	mg/kg	0.141	0.00	.05 .05		37-105	L290794-11	
-Butylbenzene	mg/kg	0.138 0.166	0.00	.05		43-107	1290794-11	
rene	mg/kg mg/kg	0.152	0.00	.05		45-112	L290794-11	
t-Butylbenzene	mg/kg	0.160	0.00	.05	64.1	40-114	L290794-11	WG297849
rachloroethene	mg/kg	0.173	0.00	.05	69.3	54-109	L290794-11	
uene ns-1,2-Dichloroethene	mg/kg	0.129	0.00	.05		58-118	L290794-11	
ns-1,3-Dichloropropene	mg/kg	0.156	0.00	.05		41-107		
chloroethene	mg/kg	0.162	0.00	.05		56-119		
chlorofluoromethane	mg/kg	0.159	0.00	.05		39-126	L290794-11	
yl chloride	mg/kg	0.145	0.00	.05		39-127 51-107	L290794-11 L290794-11	
enes, Total	mg/kg	0.487	0.00	.15	65.0	21-10/	11230734-11	WG237043
	*	saturias Cm	ike Dupli	cate				
	Inite	MSD Res	Ref Res	RPD	Lim	it %Rec	Ref Samp	Batch
lyte	OHICS	PIOD ACC	1102 1108				***************************************	
enic	mg/kg	48.1	47.0	2.31	20	88.4		1 WG297549
ium	mg/kg		116.	11.4	20	82.0		1 WG297549
mium	mg/kg	44.9	44.0	2.02	20	87.4		1 WG297549
mium	mg/kg	52.4	51.0	2.71	20	85.2		1 WG297549 1 WG297549
i	mg/kg	50.2	49-1	2.22	20	85.4 88.4		1 WG297549 1 WG297549
enium	mg/kg	44.2	43.9	0.681	. 20 20	93.2		1 WG297549 1 WG297549
ver	mg/kg	46.6	45.5	2.39	20	23.2	H250000 0	1 110257545
	nnm	1.00	0.449	76.1	26	75.8	L290750-0	1 WG297624
ethylnaphthalene	ppm	1.00	0.443	77.8	25	76.3	L290750-0	1 WG297624
ethylnaphthalene	ppm	1.24	0.759	48.4	27	94.3		1 WG297624
naphthene	ppm	1.26	0.734	53.0	27	95.7		1 WG297624
naphthylene	ppm	1.30	1.24	4.19	23	98.2		1 WG297624
hracene zo(a)anthracene	ppm	1.37	1.38	0.248		104.		1 WG297624
zo(a) pyrene	ppm	1.25	1.26	0.986		94.4		1 WG297624
zo(b) fluoranthene	mqq	1.26	1.26	0.291		95.4	•	1 WG297624
zo(g,h,i)perylene	mqq	1.26	1.25	0.655		95.2		1 WG297624
zo(k) fluoranthene	mqq	1.39	1.39	0.222		106.	120750-0	1 WG297624 1 WG297624
vsene	ppm	1.44	1.45	0.505		109. 100.		1 WG297624 1 WG297624
enz(a,h)anthracene	ppm	1.32	1.30	1.76 0.685	2 <u>1</u> 20	113.		1 WG297624
oranthene	ppm	1.49	1.48	U.005	∠ ∪	، تىكىد	0-0/5/24	,



Tax I.D. 62-0814289

Est. 1970

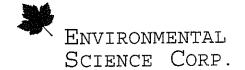
stern Technologies vid Regonini 37 East Broadway Rd.

oenix, AZ 85040

Quality Assurance Report Level II

L290880

orene	ppm	1.38	1.04	27.8	26	104.	L290750-01	WG297624
			ike Duplic			0.0	D-5 0	Datah
lyte	Units	MSD Res	Ref Res	RPD	<u>Limit</u>	*ReC	Ref Samp	Batch
eno(1,2,3-cd)pyrene	ppm	1.30	1.28	1.66	20 -	98.4	L290750-01	
hthalene	mqq	0.916	0.351	89.1	25	69.4	L290750-01	
nanthrene	ppm	1.35	1.27	5.89	24	102 108	L290750-01 L290750-01	
ene	ppm	1.42	1.41	0.884	24	TÁG.		
-C22 Hydrocarbons -C32 Hydrocarbons	mg/kg mg/kg	21.9 21.7	24.1 23.0	9.83 5.78	13 13	73.0 72.4	L290875-04 L290875-04	
•		0.163	0.151	7.53	18	65.1	L290483-02	WG297644
<pre>,1,2-Tetrachloroethane ,1-Trichloroethane</pre>	mg/kg mg/kg	0.103	0.199	8.81	17	86.9	L290483-02	
,2,2-Tetrachloroethane	mg/kg	0.173	0.178	3.20	14	69.0	L290483-02	
.2-Trichloroethane	mg/kg	0.196	0.203	3.70	19	78.3	L290483-02	
,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.152	0.121	23.1 1.31	20 16	57.7 91.5	L290483-02 L290483-02	
-Dichloroethane	mg/kg mg/kg	0.229 0.194	0.226 0.181	6.94	20	77.6	L290483-02	
-Dichloroethene	mg/kg	0.180	0.162	10.9	21	72.2	L290483-02	
-Dichloropropene ,3-Trichlorobenzene	mg/kg	0.0436	0.0364	17.9	23	17.4	L290483-02	
,3-Trichloropropane	mg/kg	0.196	0.195	0.446	16	78.5	L290483-02	
,3-Trimethylbenzene	mg/kg	0.0890	0.0677	27.1	14	35.6	L290483-02 L290483-02	
,4-Trichlorobenzene	mg/kg	0.0435	0.0337 0.0645	25.3 27.8	24 23	17.4 34.1	L290483-02	
,4-Trimethylbenzene	mg/kg mg/kg	0.0853 0.145	0.164	12.0	24	58.0	L290483-02	
-Dibromo-3-Chloropropane -Dibromoethane	mg/kg	0.203	0.204	0.882	16	81.1	L290483-02	
-Dichlorobenzene	mg/kg	0.0920	0.0747	20.7	19	36.8	L290483-02	
-Dichloroethane	mg/kg	0.249	0.259	3.64	14	99.7	L290483-02	
-Dichloropropane	mg/kg	0.206	0.210	1.93	16 19	82.5 32.1	L290483-02 L290483-02	
,5-Trimethylbenzene	mg/kg	0.0803 0.0858	0.0615 0.0701	26.6 20.1	18	34.3	L290483-02	
-Dichlorobenzene	mg/kg mg/kg	0.193	0.190	1.37	16	77.1	L290483-02	
-Dichloropropane -Dichlorobenzene	mg/kg	0.0872	0.0714	20.0	18	34.9	L290483-02	
-Dichloropropane	mg/kg	0.212	0.210	1.16	18	84.9	L290483-02	
utanone (MEK)	mg/kg	1.17	1.29	10.1	21	93.3 116.	L290483-02 L290483-02	
hloroethyl vinyl ether	mg/kg	1.45	1.29 0.0798	11.3 23.1	13 20	40.3	L290483-02	
hlorotoluene	mg/kg mg/kg	0.101 0.101	0.0788	24.4	19	40.3	L290483-02	
hlorotoluene ethyl-2-pentanone (MIBK)	mg/kg	1.04	1.07	2.81	20	82.9	L290483-02	
tone tone	mg/kg	1.18	1.25	5.75	23	94.7	L290483-02	
ylonitrile	mg/kg	1.16	1.26	8.26	20	92.9	L290483-02	
zene	mg/kg	0.215	0.208	3.41	15 19	86.0 53.6	L290483-02 L290483-02	
mobenzene	mg/kg	0.134 0.209	0.121 0.205	9.88 1.76	15	83.5	L290483-02	
modichloromethane	mg/kg mg/kg	0.209	0.175	2.51	21	71.9	L290483-02	
moform momethane	mg/kg	0.187	0.205	9.03	30	74.9	L290483-02	WG297644
bon tetrachloride	mg/kg	0.194	0.166	15.3	22	77.5	L290483-02	
orobenzene	mg/kg	0.150	0.134	11.0	22	59.9	L290483-02	
orodibromomethane	mg/kg	0.198	0.193	2.50	17	79.3	L290483-02 L290483-02	
oroethane	mg/kg	0.183	0.180 0.215	1.47 1.62	28 14	73.0 87.6	L290483-02	
oroform	mg/kg mg/kg	0.219 0.188	0.179	4.59	19	75.2	L290483-02	
oromethane	mg/kg	0.218	0.217	0.472	12	87.3	L290483-02	WG297644
-1,2-Dichloroethene -1,3-Dichloropropene	mg/kg	0.199	0.195	1.91	16	79.7	L290483-02	
isopropyl ether	mg/kg	0.237	0.237	0.0113		94.8	L290483~02	
romômethane	mg/kg	0.221	0.232	4.83	16	88.6	L290483-02	
hlorodifluoromethane	mg/kg	0.226	0.220	3.07	22	90.6	L290483-02 L290483-02	
ylbenzene	mg/kg	0.123	0.100 0.0191	20.7 48.3	20 22	49.2 12.5	L290483-02	
achlorobutadiene	mg/kg mg/kg	0.0313 0.0954	0.0191	27.4	20	38.2	L290483-02	
propylbenzene hyl tert-butyl ether	mg/kg	0.214	0.239	11.3	13	85.4	L290483-02	
hylene Chloride	mg/kg	0.191	0.191	0.0666		76.3	L290483-02	WG297644
, 2010 01101100								



Tax I.D. 62-0814289

Est. 1970

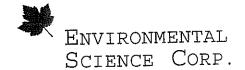
stern Technologies vid Regonini 37 East Broadway Rd.

Quality Assurance Report Level II

penix, AZ 85040

L290880

		TIZ 90000	•					
itylbenzene	mq/kg	0.0473	0.0310	41.7	22 .	18.9	L290483-02	WG297644
10 7 10 0112 0110								
	Ma	atrix Spik		ate		0.70	D . C . C	77 - 4 - la
lyte	Units N	MSD Res R	lef Res	RPD	Limit	*ReC	Ref Samp	Batch
	mg/kg	0.0819	0.0600	30.8	19	32.7	L290483-02	WG297644
ropylbenzene	mg/kg	0.0761	0.0641	17.2	22	30.4	L290483-02	
nthalene	mg/kg	0.0616	0.0426	36.6	21	24.7	L290483-02	
sopropyltoluene -Butylbenzene	mg/kg	0.0626	0.0431	36.8	21	25.0	L290483-02	WG297644
rene	mg/kg	0.140	0.122	13.9	23	55.9	L290483-02	WG297644
:-Butylbenzene	mg/kg	0.0752	0.0531	34.4	21	30.1	L290483-02	
rachloroethene	mg/kg	0.115	0.0863	28.5	21	46.0	L290483-02	
iene	mg/kg	0.167	0.152	9.15	19	66.8	L290483-02	
is-1,2-Dichloroethene	mg/kg	0.203	0.193	4.98	20	81.1	L290483-02	
is-1,3-Dichloropropene	mg/kg	0.206	0.211	2.61		82.3	L290483-02	
chloroethene	mg/kg	0.189	0.166	12.6	18	75.5	L290483-02 L290483-02	
chlorofluoromethane	mg/kg	0.194	0.179	7.65	21 24	77.4 73.6		
/l chloride	mg/kg	0.184	0.302	2.02 19.8	19	49.1	L290483-02	
enes, Total	mg/kg	0.368	0.302	13.0	19	±2.1	D270403 02	110237044
puryway street, and the time of the contract	mg/kg	0.259	0.263	1.53	20	95.6	1290880-01	WG297742
sury	mg/kg	0.256	0.254	0.784	20	102.	L290880-07	WG297743
and a first community of the second of the s	/1	0 201	0.188	7.08	18	80.6	L290794-11	WG297849
,1,2-Tetrachloroethane	mg/kg	0.201 0.176	0.163	7.00	17	70.2	L290794-11	
,1-Trichloroethane ,2,2-Tetrachloroethane	mg/kg	0.186	0.174	7.14	14	74.6	L290794-11	
	mg/kg	0.212	0.198	6.78	19	84.8	L290794-11	
,2-Trichloroethane ,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.162	0.152	5.99	20	59.4	L290794-11	WG297849
-Dichloroethane	mg/kg	0.176	0.162	8.17	16	70.5	L290794-11	WG297849
-Dichloroethene	mg/kg	0.161	0.147	9.15	20	64.6	L290794-11	
-Dichloropropene	mg/kg	0.144	0.133	8.16	21	57.7	L290794-11	
,3-Trichlorobenzene	mg/kg	0.133	0.125	6.36	23	53.3	L290794-11	
,3-Trichloropropane	mg/kg	0.216	0.205	5.17	16	86.5	L290794-11	
,3-Trimethylbenzene	mg/kg	0.177	0.174	1.61	14	70.7	L290794-11	
,4-Trichlorobenzene	mg/kg	0.132	0.121	8.04	24 23	52.6 65.7	L290794-11 L290794-11	
.4-Trimethylbenzene	mg/kg	0.164	0.156 0.186	5.05 8.18	23 24	80.9	L290794-11	
-Dibromo-3-Chloropropane	mg/kg	0.202 0.201	0.187	7.33	16	80.4	L290794-11	
-Dibromoethane	mg/kg mg/kg	0.181	0.107	4.80	19	72.6	L290794-11	
-Dichlorobenzene	mg/kg	0.180	0.168	6.35	14	71.8	L290794-11	
-Dichloroethane	mg/kg	0.195	0.181	7.42	16	78.0	L290794-11	WG297849
-Dichloropropane ,5-Trimethylbenzene	mg/kg	0.160	0.153	4.54	19	64.1	L290794-11	WG297849
-Dichlorobenzene	mg/kg	0.161	0.151	6.32	18	64.4	L290794-11	WG297849
-Dichloropropane	mg/kg	0.196	0.182	7.13	16	78.4	L290794-11	
-Dichlorobenzene	mg/kg	0.186	0.177	5.17	18	74.4	L290794-11	
-Dichloropropane	mg/kg	0.174	0.161	7.43	18	69.5	L290794-11	
ıtanone (MEK)	mg/kg	0.944	0.854	10.0	21	75.5	L290794-11	
nloroethyl vinyl ether	mg/kg	0.293	0.262	10.9	13	23.4	L290794-11	
lorotoluene	mg/kg	0.164	0.156	5.11 2.61	20 19	65.8 60.5	L290794-11 L290794-11	
ilorotoluene	mg/kg	0.151	0.147	9.58	20	76.0	L290794-11	
ethyl-2-pentanone (MIBK)	mg/kg	0.950 0.959	0.863 0.878	8.84	23	45.5	L290794-11	
ione	mg/kg mg/kg	0.919	0.831	10.1	20	73.5	L290794-11	
/lonitrile	mg/kg	0.174	0.159	8.76	15	69.5	L290794-11	
zene Robenzene	mg/kg	0.161	0.153	5.00	19	64.5	L290794-11	
aodichloromethane	mg/kg	0.193	0.173	11.0	15	77.4	L290794-11	
noform	mg/kg	0.201	0.179	11.6	21	80.3	L290794-11	
nomethane	mg/kg	0.190	0.174	8.73	30	75.9	L290794-11	
on tetrachloride	mg/kg	0.167	0.152	9.42	22	66.9	L290794-11	
probenzene	mg/kg	0.183	0.170	7.57	22	73.2	L290794-11	
prodibromomethane	mg/kg	0.202	0.186	8.40	17	80.8	L290794-11	
proethane	mg/kg	0.157	0.142	9.44	28	62.6	L290794-11	
roform	mg/kg	0.189	0.175	7.90	14	75.8	L290794-11	WGZ9/849



Tax I.D. 62-0814289

Est. 1970

tern Technologies rid Regonini 17 East Broadway Rd.

Quality Assurance Report Level II

May 02, 2007

enix, AZ 85040

L290880

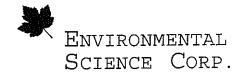
	mg/kg	0.156	0.139	11.9	19	62.6	L290794-11	WG297849
promethane								
	M	Matrix Sp	ike Duplic	ate	- 1 .7 -	0.77	Dof Comp	Ratch
wt e	Units	MSD Res	Ref Res	RPD	<u> Limit</u>	*Rec	Ker Samp	Baccii
lyte  1,2-Dichloroethene 1,3-Dichloropropene isopropyl ether romomethane nlorodifluoromethane ylbenzene achlorobutadiene propylbenzene nyl tert-butyl ether nylene Chloride itylbenzene ropylbenzene athalene sopropyltoluene -Butylbenzene rene t-Butylbenzene rachloroethene ns-1,2-Dichloroethene ns-1,3-Dichloropropene chloroethene	Units  mg/kg	MSD Res  0.175 0.179 0.186 0.193 0.159 0.166 0.0822 0.203 0.133 0.152 0.151 0.144 0.176 0.157 0.166 0.185 0.139 0.167	0.159 0.192 0.188 0.126 0.148	Te RPD 76.68.2011 4.590 50.50 50.22 4.027 66.20 76.20	Limit  12 16 20 16 22 20 22 20 13 16 22 21 21 21 21 21 20 16 18 21	*Rec 70.0 71.7 74.2 77.3 63.7 632.9 67.2 84.6 74.0 53.0 8 60.5 8.7 702.9 65.3 73.9 67.0 69.3	Ref Samp  L290794-11	WG297849 WG297849 WG297849 WG297849 WG297849 WG297849 WG297849 WG297849 WG297849 WG297849 WG297849 WG297849 WG297849 WG297849 WG297849 WG297849 WG297849
chlorofluoromethane yl chloride	mg/kg mg/kg	0.158	0.145	8.52	24 19	63.2 68.3	L290794-11	
enes, Total	mg/kg	0.512	0.487	5.03	7.3	· Op (2):	· · · · · · · · · · · · · · · · · · ·	

atch number /Run number / Sample number cross reference

WG297549: R316062: L290880-01 02 03 04 05 06 07 WG297614: R316174: L290880-01 02 03 04 05 06 07 WG297644: R316176: L290880-01 03 04 05

WG297644: K316176: L290880-01 03 04 05 WG297743: R316256: L290880-07 WG297742: R316257: L290880-01 02 03 04 05 06 WG297626: R316286: L290880-01 02 03 04 05 06 07 WG297849: R316358: L290880-02 06 07 WG297624: R316417: L290880-03

 $<sup>\</sup>star$   $\star$  Calculations are performed prior to rounding of reported values .



Tax I.D. 62-0814289

Est. 1970

estern Technologies avid Regonini 737 East Broadway Rd.

hoenix, AZ 85040

Quality Assurance Report Level II

T-290880

May 02, 2007

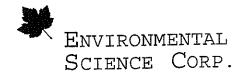
The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

To To Color	<b>.</b>		nate niiing	เทเบเทาสมบท.		-	-	<u>мпаг</u>	νειε/∪ 	viitai	menr 	eservative 			Chain of Custody Page of
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moet Moshington 10 escription	<i>i</i>	Email	to: day ic	1.18	W7-US.	CON		•		12				Mt. Juliet, T	N 37122
most Unskington R	r K		City/Sate Collected	Procus	1	>	$\infty$	$\infty$	Ź						5) 758-5858
hone (%o 2) がちワー ラフタフ	Client Project #		ESC Key:		<del></del>		$\mathcal{N}$	0	4		<b>Q</b>				5) 758-5859
No Jacob 470-134		<del> </del>					وأرط	3		CV'	W.			PAX (0)	3) 736-3637
allocated by: 536 Kannersh &	Site/Facility ID#	<b>t</b> ;	P.O.#:				<u>\</u>	2	0	$\widetilde{\mathcal{N}}$	/4		-		
Shocked by (signature):	Rush? (Lat		=	Date Resu	lts Needed:	No.			ij,	Ĭ				CoCode	(lab use only)
the parameters	Ne	me Day xt Day	. 100%	Email?	No_Yes				0		O			Template/Prelogin	
acked on tee N Y		o Day ree Day		FAX? _	NoYes	of Cntrs			38					Shipped Via:	
Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	Onas			138					Remarks/Contaminant	Sample # (lab only)
Butlet	07	55		4-26.07	1:42	3	X	X	X	X					1710880-01
West W	)				1:56	7,3	X	X	X	X					02
- 100 (1) C - C					2:30	3	X	X	X	X	X				03
Mitte ElO					3:44	3	$\times$	X	X	X					0 }
Jafic N.S.					4:10	3	X	X	X	X					05
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					4.34	3	X	X	X	X					06
19.5	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	V		1	5.07	13	$\geq$	X	X	X					07
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						<u> </u>	<u> </u>	<u> </u>	<u></u>	<u> </u>					
*Mafrix; SS - Soil/Solid GW - Gro	oundwater <b>WW</b> .	- WasteWater	DW - Drin	king Water	OT - Other_								pH _	Ter	mp
Remarks:				011									Flow_	Oth	ier
Celinguished by (Signature)	Date: 4-26	7 Time:		vedi by (Sign	ature)		`		Sar □ F	mples edEx	return	ed via: 🔲 U ourier 🔲	PS	Condition:	(lab use only)
Refinquished by: (Signature)	Date:	Time:		ved by: (Sign	ature)	·			Ter	mp: 3.6	<i>(</i>	Bottles F	eceive	d:	W
Colinquished by: (Signature)	Date:	Time:	Rece	eived for lab	by: (Signatur	e)		2 .	Da	ite:		Time:	e)	pH Checked:	NCF:
				m-	- Dr	<u> </u>	<b>5</b>		14	-6	10	1 01			



Tax I.D. 62-0814289

Est. 1970

David Regonini Western Technologies 3737 East Broadway Rd.

Phoenix, AZ 85040

Report Summary

Wednesday May 09, 2007

Report Number: L291608
Samples Received: 04/27/07
Client Project: 2187JK136

Description: Washington Park Infrastructure

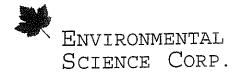
The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

Travis Johnson, ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 09227, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487 GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140 NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233 AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, WA - C1915



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040 May 09,2007

ESC Sample # : L291608-01

Date Received : April

27, 2007

Description

Washington Park Infrastructure

Sample ID

SEPTIC-C-C

Site ID :

2187JK136 Project :

Collected By Collection Date : Josh Konnenberg 04/26/07 14:30

COTICOCTOR Date 1								
Parameter	Result	Det. Limit	Units	Limit	Method	Date/Time	Ву	Dil
TCLP Extraction	<u>-</u>				1311	05/07/07 1000	EGR	1
Mercury	BDL	0.0010	mg/l	0.20	7470A	05/08/07 1658	BSY	1
Arsenic Barium Cadmium Chromium Lead Selenium Silver	BDL 0.083 BDL BDL BDL BDL BDL	0.050 0.050 0.050 0.050 0.050 0.050	mg/l mg/l mg/l mg/l mg/l mg/l	5.0 100 1.0 5.0 5.0 1.0	6010B 6010B 6010B 6010B 6010B 6010B	05/07/07 2325 05/07/07 2325 05/07/07 2325 05/07/07 2325 05/07/07 2325 05/07/07 2325	LF LF LF LF	1 1 1 1 1

BDL - Below Detection Limit
Det. Limit - Estimated Quantitation Limit(EQL)

Limit - Maximum Contaminant Level as established by the US EPA

Note:

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 05/09/07 08:58 Printed: 05/09/07 09:10



Tax I.D. 62-0814289

Est. 1970

stern Technologies vid Regonini 37 East Broadway Rd.

penix, AZ 85040

Quality Assurance Report Level II

L291608

May 09, 2007

				- )-				
lerto	Result	Laborat	ory Blar Units	nk Date Ana	alyzed	Batch		
lyte snicy box sale and all fine from the release	< .05		mg/l	05/07/0° 05/07/0°	7 22:27	WG2989 WG2989		golden de
ium	< .05 < .05		mg/l mg/l	05/07/0	7 22:27	WG298	990	
mium mium	< .05	1 1 1 1	mg/1	05/07/0	7 22:27	WG2989 WG2989		
d	< .05		mg/l mg/l	05/07/07 05/07/07	/ 22:27 7 22:27	WG298		
enium verstaatigistataa tääkkistä ja ta alla kiitt	< .05 < .05	1000	mg/l	05/07/0	7 22:27	WG298		i filozofia e e e e e e e e e e e e e e e e e e e
20027	< .000	2	mg/l	05/08/0	7 16:38	WG299	019	
cury	***	Dun.	licate					
lyte	Units	Result	Duplica	ate RPD	Limit	Ref	Samp	Batch
The second of th	mg/l	0.00	0.00	0.0	20		1664-01	WG298990
enic ium	mg/l	0.641	0.660			L29	1664-01 1664-01	WG298990 WG298990
mium	mg/l	0.00	0.00	0.0 0.0			1664-01	WG298990
omium	mg/l mg/l	0.00	0.00	0.0	and the state of t	L29	1664-01	WG298990
d enium	mq/1	0.00	0.00	0.0			1664-01	WG298990
enium ver	mg/l	0.00		0.0	· ·		1664-01	WG298990
cury	mg/l	0.00	0.00	0.0	0 20	1129	1628-01	WG299019
	Lab	oratory (	Control 8	Sample		<b>.</b> .	* 1	<b>.</b>
lyte	Units	Known	Val I	Result	% Reo	<u>Lim</u>	it Ba	tch
enic ium mium omium d enium ver	mg/1 mg/1 mg/1 mg/1 mg/1 mg/1	1.13 1.13 1.13 1.13 1.13 1.13 1.13		1.08 1.12 1.13 1.03 1.09 1.11	95.0 99.1 100. 91.2 96.5 98.2	L 85- 85- 85- 85- 85- 85-	115 WG 115 WG 115 WG 115 WG 115 WG	298990 298990 298990 298990 298990 298990
cury	mg/l	.003		0.00296	98.	7 85-	115 WG:	299019
Cary		Matr	ix Spike					
lyte	Units	MS Res	Ref Re		% Rec Lit	nit Re	f Samp	Batch
	mg/l	0.999	0,00		88.4 75			WG298990
menica in a serio a visita de la compansión de la compans	mg/1	1.67	0.660	1.13	89.4 75			WG298990 WG298990
mium	mg/l	1.06	0.00	1.13 1.13	93.8 75 85.5 75		91664-01	WG298990
omium	mg/l	0.966 1.02	0.00	1.13				WG298990
d <sub>.</sub>	mg/l mg/l	1.02	0.00	1.13	94.7 75	-125 L2	91664-01	WG298990
enium ver	mg/l	0.986	0.00	1.13	87.3 75	-125 L2	91664-01	WG298990
cury	mg/l	0.0031	0.00	.003	106. 70	-130 L2	91664-01	WG299019
Cary	3.5	atrix Sp	ike Duni:	icate				
lute	Units	MSD Res	Ref Res	RPD	Limit '	Rec R	ef Samp	Batch
lyte			0.999	3.06	20 5	91.2 L	291664-0	1 WG298990
enic	mg/l mg/l	1.03 1.69	1.67	1.19	20 9	91.2 L	291664-0	1 WG298990
ium	mg/1	1.08	1.06	1.87	20	95.6 L		1 WG298990
mium	mq/1	1.00	0.966	3.46		38.5 L	291664-0	1 WG298990
omium	mg/l	1.05	1.02	2.90				L WG298990
.d enium	mg/1	1.13	1.07	5.45				1 WG298990 1 WG298990
ver enram	mg/l	1.05	0.986	6.29	20 5	72.7 LL	, J I U U ¬ = U.	. ,iO



Tax I.D. 62-0814289

Est. 1970

stern Technologies vid Regonini 37 East Broadway Rd.

Quality Assurance Report Level II

oenix, AZ 85040

L291608

May 09, 2007

cury

mg/l

0.0032 0.0031

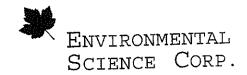
1.56 20

108. L291664-01 WG299019

atch number /Run number / Sample number cross reference

WG298808: R317167: L291608-01 WG298990: R317214: L291608-01 WG299019: R317331: L291608-01

<sup>\* \*</sup> Calculations are performed prior to rounding of reported values .



Tax I.D. 62-0814289

Est. 1970

stern Technologies vid Regonini 37 East Broadway Rd.

oenix, AZ 85040

Quality Assurance Report Level II

L291608

May 09, 2007

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate — is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.



Tax I.D. 62-0814289

Est. 1970

David Regonini Western Technologies 3737 East Broadway Rd.

Phoenix, AZ 85040

Report Summary

Tuesday May 01, 2007

Report Number: L291081 Samples Received: 04/28/07 Client Project: 2187JK136

Description: Washington Park Infrastructure

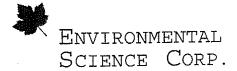
The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Reviewed By:

Travis Johnson, Est Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 09227, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487 GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140 NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233 AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, WA - C1915



Tax I.D. 62-0814289

Est. 1970

#### REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

May 01, 2007

Site ID :

ESC Sample # : L291081-01

Date Received :

April 28, 2007

Washington Park Infrastructure

Sample ID

: NLPC 12 FT

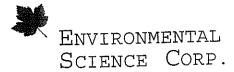
Collected By : Josh Kannanberg Collection Date : 04/26/07 18:30

Project # : 2187JK136

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Mercury	0.021	0.020	mg/kg	7471	04/30/07	1
Arsenic	4.4	1.0	mg/kg	6010B	04/29/07	1
	87.	0.25	mg/kg	6010B	04/29/07	1
Barium	1.4	0.25	mq/kg	6010B	04/29/07	1
Cadmium	10.	0.50	mg/kg	6010B	04/29/07	1
Chromium	17.	0.25	mg/kg	6010B	04/29/07	1
Lead	BDL	1.0	mg/kg	6010B	04/29/07	1
Selenium		0.50	mg/kg	6010B	04/29/07	ī
Silver	BDL	0.50	#ā\ vā	00105	01,23,0.	_
Volatile Organics			. /2	BO COE	04/28/07	53.5
Acetone	BDL	2.7	mg/kg	8260B	04/28/07	53.5
Acrylonitrile	$\mathtt{BDL}$	0.54	mg/kg	8260B		53.5
Benzene	BDL	0.054	mg/kg	8260B	04/28/07	53.5
Bromobenzene	$\mathtt{BDL}$	0.054	mg/kg	8260B	04/28/07	
Bromodichloromethane	BDL	0.054	mg/kg	8260B	04/28/07	53.5
Bromoform	$\mathtt{BDL}$	0.054	mg/kg	8260B	04/28/07	53.5
Bromomethane	$\mathtt{BDL}$	0.27	mg/kg	8260B	04/28/07	53.5
n-Butylbenzene	BDL	0.054	mg/kg	8260B	04/28/07	53.5
sec-Butylbenzene	$\mathtt{BDL}$	0.054	mg/kg	8260B	04/28/07	53.5
tert-Butylbenzene	$\mathtt{BDL}$	0.054	mg/kg	8260B	04/28/07	53.5
Carbon tetrachloride	BDL	0.054	mg/kg	8260B	04/28/07	53.5
Chlorobenzene	BDL	0.054	mg/kg	8260B	04/28/07	53.5
Chlorodibromomethane	BDL	0.054	mg/kg	8260B	04/28/07	53.5
Chloroethane	BDL	0.054	mg/kg	8260B	04/28/07	53.5
2-Chloroethyl vinyl ether	BDL	2.7	mg/kg	8260B	04/28/07	53.5
Chloroform	BDL	0.27	mg/kg	8260B	04/28/07	53.5
Chloromethane	BDL	0.054	mg/kg	8260B	04/28/07	53.5
2-Chlorotoluene	BDL	0.054	mg/kg	8260B	04/28/07	53.5
4-Chlorotoluene	BDL	0.054	mg/kg	8260B	04/28/07	53.5
1,2-Dibromo-3-Chloropropane	BDL	0.27	mg/kg	8260B	04/28/07	53.5
1, 2-DIDIOMO-3 CHIOLOPLOPANC	BDL	0.054	mg/kg	8260B	04/28/07	53.5
1,2-Dibromoethane	BDL	0.054	mg/kg	8260B	04/28/07	53.5
Dibromomethane	BDL	0.054	mg/kg	8260B	04/28/07	53.5
1,2-Dichlorobenzene	BDL	0.054	mg/kg	8260B	04/28/07	53.5
1,3-Dichlorobenzene	BDL	0.054	mg/kg	8260B	04/28/07	53.5
1,4-Dichlorobenzene	BDL	0.054	mg/kg	8260B	04/28/07	53.5
Dichlorodifluoromethane	BDL	0.054	mg/kg	8260B	04/28/07	53.5
1,1-Dichloroethane		0.054	mg/kg	8260B	04/28/07	53.5
1,2-Dichloroethane	BDL			8260B	04/28/07	53.5
1,1-Dichloroethene	BDL	0.054	mg/kg	8260B	04/28/07	53.5
cis-1,2-Dichloroethene	BDL	0.054	mg/kg	8260B	04/28/07	53.5
trans-1,2-Dichloroethene	BDL	0.054	mg/kg		04/28/07	53.5
1,2-Dichloropropane	BDL	0.054	mg/kg	8260B	04/28/07	53.5
1,1-Dichloropropene	BDL	0.054	mg/kg	8260B	04/20/0/	23.5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL) L291081-01 (V8260) - Cannot run lower, client sent only MeOH vial.



Tax I.D. 62-0814289

Est. 1970

### REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

May 01, 2007

Site ID :

ESC Sample # : L291081-01

Project # : 2187JK136

April 28, 2007

Description

Date Received : April 28, 2007 Description : Washington Park Infrastructure

Sample ID

NLPC 12 FT

Collected By : Josh Kannanberg Collection Date : 04/26/07 18:30

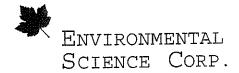
Josh Kannanberg

Collection Date : 04/26/0/ 18:30						20.2.3
Parameter	Result	Det. Limit	Units	Method	Date	Dil.
		0.054	mg/kg	8260B	04/28/07	53.5
1,3-Dichloropropane	BDL	0.054	mg/kg	8260B	04/28/07	53.5
cis-1.3-Dichloropropene	BDL	0.054	mg/kg	8260B	04/28/07	53.5
trans-1,3-Dichloropropene	BDL	0.054	mg/kg	8260B	04/28/07	53.5
2,2-Dichloropropane	BDL	0.054	mg/kg	8260B	04/28/07	53.5
Di-isopropyl ether	BDL	0.054	mg/kg	8260B	04/28/07	53.5
Ethylbenzene	BDL		mg/kg	8260B	04/28/07	53.5
Hexachlorobutadiene	BDL	0.054 0.054	πg/kg	8260B	04/28/07	53.5
Isopropylbenzene	BDL		mg/kg	8260B	04/28/07	53.5
p-Isopropyltoluene	BDL	0.054	mg/kg	8260B	04/28/07	53.5
2-Butanone (MEK)	BDL	0.54	mg/kg	8260B	04/28/07	53.5
Methylene Chloride	$\mathtt{BDL}$	0.27	111g / Kg	8260B	04/28/07	53.5
4-Methyl-2-pentanone (MIBK)	$\mathtt{BDL}$	0.54	mg/kg	8260B	04/28/07	53.5
Methyl tert-butyl ether	BDL	0.054	mg/kg	8260B	04/28/07	53.5
Naphthalene	$\mathtt{BDL}$	0.27	mg/kg	8260B 8260B	04/28/07	53.5
n-Propylbenzene	$\mathtt{BDL}$	0.054	mg/kg		04/28/07	53.5
	$\mathtt{BDL}$	0.054	mg/kg	8260B	04/28/07	53.5
Styrene 1,1,1,2-Tetrachloroethane	BDL	0.054	mg/kg	8260B	04/28/07	53.5
1,1,2,2-Tetrachloroethane	BDL	0.054	mg/kg	8260B	04/28/07	53.5
1,1,2,2-Trichloro-1,2,2-trifluoro	BDL	0.054	mg/kg	8260B	04/28/07	53.5
1,1,2-171011010-1,2,2 01111100-1	BDL	0.054	mg/kg	8260B	04/28/07	53.5
Tetrachloroethene	BDL	0.27	mg/kg	8260B	04/28/07	53.5
Toluene	BDL	0.054	mg/kg	8260B		53.5
1,2,3-Trichlorobenzene	BDL	0.054	mg/kg	8260B	04/28/07	53.5
1,2,4-Trichlorobenzene	BDL	0.054	mg/kg	8260B	04/28/07	
1,1,1-Trichloroethane	BDL	0.054	mg/kg	8260B	04/28/07	53.5
1,1,2-Trichloroethane	BDL	0.054	mg/kg	8260B	04/28/07	53.5
Trichloroethene	BDL	0.054	mg/kg	8260B	04/28/07	53.5
Trichlorofluoromethane	BDL	0.054	mg/kg	8260B	04/28/07	53.5
1,2,3-Trichloropropane	BDL	0.054	mg/kg	8260B	04/28/07	53.5
1,2,4-Trimethylbenzene	BDL	0.054	mg/kg	8260B	04/28/07	53.5
1,2,3-Trimethylbenzene	BDL	0.054	mg/kg	8260B	04/28/07	53.5
1,3,5-Trimethylbenzene	BDL	0.054	mg/kg	8260B	04/28/07	53.5
Vinyl chloride	BDL	0.16	mg/kg	8260B	04/28/07	53.5
Xylenes, Total	מעפ	0.20	57			
Surrogate Recovery	3.03		% Rec.	8260B	04/28/07	53.5
Toluene-d8	101.		% Rec.	8260B	04/28/07	53.5
Dibromofluoromethane	85.0		% Rec.	8260B	04/28/07	53.5
4-Bromofluorobenzene	95.6		· 1000.	0200		_
	BDL	30.	mg/kg	8015AZ	05/01/07	1
C10-C22 Hydrocarbons	67.	50.	mg/kg	8015AZ	05/01/07	1
C22-C32 Hydrocarbons	Φ/.	<b>22</b> .	J. J			
Polychlorinated Biphenyls	227	1.7	mg/kg	8082	05/01/07	100
PCB 1016	BDL		mg/kg	8082	05/01/07	100
PCB 1221	BDL	1.7	112/22	J U U L	• •	
: UD						

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

L291081-01 (V8260) - Cannot run lower, client sent only MeOH vial.



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

May 01, 2007

ESC Sample # : L291081-01

Project # : 2187JK136

Date Received : 28, 2007 April

Washington Park Infrastructure

Site ID :

NLPC 12 FT Sample ID

Josh Kannanberg Collected By : Josh Kannanberg Collection Date : 04/26/07 18:30

Parameter	Result	Det. Limit	Units	Method	Date	Dil.	
PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL 22.	1.7 1.7 1.7 1.7	mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082	05/01/07 05/01/07 05/01/07 05/01/07 05/01/07	100 100 100 100 100	
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	0.00 0.00		% Rec. % Rec.	8082 8082	05/01/07 05/01/07	100 100	

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 05/01/07 16:24 Printed: 05/01/07 16:25 L291081-01 (V8260) - Cannot run lower, client sent only MeOH vial.



Tax I.D. 62-0814289

Est. 1970

#### REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

May 01, 2007

Site ID :

ESC Sample # : L291081-02

Project # : 2187JKl36

April 28, 2007

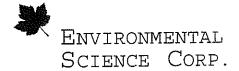
Date Received : April 28, 2007 Description : Washington Park Infrastructure

Sample ID

NLPC 16.5 FT

				-		
ollected By : Josh Kannanberg						
ollection Date: 04/26/07 18:57						D.13
	Result	Det. Limit	Units	Method	Date	Dil.
arameter			mg/kg	7471	04/30/07	1
Mercury	BDL	0.020	mg/ kg	7471		
1.020021	DD.	5.0	mg/kg	6010B	04/29/07	5
Arsenic	BDL 72.	0.25	mg/kg	6010B	04/29/07	1
Barium	1.2	0.25	mg/kg	6010B	04/29/07	1
Cadmium	7.7	0.50	mg/kg	6010B	04/29/07	1
Chromium		1.2	mg/kg	6010B	04/29/07	5
Lead	10. BDL	1.0	mg/kg	6010B	04/29/07	1
Selenium	BDL	0.50	mg/kg	6010B	04/29/07	1
Silver	מעמ	0.50				
			43	8260B	04/28/07	47
Volatile Organics	BDL	2.4	mg/kg	8260B	04/28/07	47
Acetone Acrylonitrile	BDL	0.47	mg/kg	8260B	04/28/07	47
	$\mathtt{BDL}$	0.047	mg/kg	8260B	04/28/07	47
Benzene	BDL	0.047	mg/kg	8260B	04/28/07	47
Bromobenzene Bromodichloromethane	BDL	0.047	mg/kg	8260B	04/28/07	47
Bromodichiolomechane	$\mathtt{BDL}$	0.047	mg/kg	8260B	04/28/07	47
Bromoform Bromomethane	$\mathtt{BDL}$	0.24	mg/kg	8260B	04/28/07	47
Bromomethate	BDL	0.047	mg/kg	8260B	04/28/07	47
n-Butylbenzene	$\mathtt{BDL}$	0.047	mg/kg	8260B	04/28/07	47
sec-Butylbenzene tert-Butylbenzene	$\mathtt{BDL}$	0.047	mg/kg	8260B	04/28/07	47
Carbon tetrachloride	$\mathtt{BDL}$	0.047	mg/kg	8260B	04/28/07	47
Carbon tetrachiorice	$\mathtt{BDL}$	0.047	mg/kg	8260B	04/28/07	47
Chlorobenzene Chlorodibromomethane	BDL	0.047	mg/kg	8260B	04/28/07	47
CUTOLOGIDIOMOMESTATE	BDL	0.047	mg/kg	8260B	04/28/07	47
Chloroethane 2-Chloroethyl vinyl ether	BDL	2.4	mg/kg	8260B	04/28/07	47
S-Culoroechiat Armar comer	BDL	0.24	mg/kg	8260B	04/28/07	47
Chloroform Chloromethane	$\mathtt{BDL}$	0.047	mg/kg	8260B	04/28/07	47
	BDL	0.047	mg/kg	8260B	04/28/07	47
2-Chlorotoluene 4-Chlorotoluene	BDL	0.047	mg/kg	8260B	04/28/07	47
1,2-Dibromo-3-Chloropropane	$\mathtt{BDL}$	0.24	mg/kg	8260B	04/28/07	47
1,2-Dibromoethane	BDL	0.047	mg/kg	8260B 8260B	04/28/07	47.
Dibromomethane	$\mathtt{BDL}$	0.047	mg/kg	8260B	04/28/07	47
1,2-Dichlorobenzene	$\mathtt{BDL}$	0.047	mg/kg	8260B 8260B	04/28/07	47
1,3-Dichlorobenzene	BDL	0.047	mg/kg	8260B	04/28/07	47
1,4-Dichlorobenzene	BDL	0.047	mg/kg	8260B	04/28/07	47
1,4-Dichlorobenzene Dichlorodifluoromethane	$\mathtt{BDL}$	0.047	mg/kg	8260B 8260B	04/28/07	47
DICATOROGITTUOTOMECHANE	$\mathtt{BDL}$	0.047	mg/kg		04/28/07	47
1,1-Dichloroethane	BDL	0.047	mg/kg	8260B 8260B	04/28/07	47
1,2-Dichloroethane	$\mathtt{BDL}$	0.047	mg/kg	8260B 8260B	04/28/07	47
1,1-Dichloroethene	BDL	0.047	mg/kg		04/28/07	47
cis-1,2-Dichloroethene	BDL	0.047	mg/kg	8260B	04/28/07	47
trans-1,2-Dichloroethene	BDL	0.047	mg/kg	8260B	04/28/07	47
1,2-Dichloropropane	BDL	0.047	mg/kg	8260B	04/20/01	- /
1,1-Dichloropropene						

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
L291081-02 (V8260) - Cannot run lower, client sent only MeOH vial.



Tax I.D. 62-0814289

Est. 1970

#### REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

May 01, 2007

Site ID :

ESC Sample # : L291081-02

Date Received :

28, 2007 April

Description

Washington Park Infrastructure

Sample ID

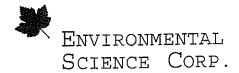
: NLPC 16.5 FT

Project # : 2187JK136

Collected By : Josh Kannanberg Collection Date : 04/26/07 18:57 Collected By Josh Kannanberg

1,3-Dichloropropane	Parameter	Result	Det. Limit	Units	Method	Date	Dil.
1,3-Dichloropropane		777	0.047	ma / lea	92600	04/28/07	47
Cis-1,3-Dichloropropene EDL	1,3-Dichloropropane						
Crans-1, 3-Dichloropropane	cis-1,3-Dichloropropene						
Di-isopropyl ether							
Dilisopropy  ether   BDL   0.047   mg/kg   8260B   04/28/07   47     Ethylbenzene   BDL   0.047   mg/kg   8260B   04/28/07   47     Isopropylbenzene   BDL   0.047   mg/kg   8260B   04/28/07   47     Isopropylbenzene   BDL   0.047   mg/kg   8260B   04/28/07   47     p-Isopropyltoluene   BDL   0.047   mg/kg   8260B   04/28/07   47     p-Isopropyltoluene   BDL   0.047   mg/kg   8260B   04/28/07   47     2-Butanome (MEK)   BDL   0.47   mg/kg   8260B   04/28/07   47     Methylene Chloride   BDL   0.24   mg/kg   8260B   04/28/07   47     Methylene Chloride   BDL   0.047   mg/kg   8260B   04/28/07   47     Methylene Chloride   BDL   0.047   mg/kg   8260B   04/28/07   47     Methylene Chloride   BDL   0.047   mg/kg   8260B   04/28/07   47     Methylene Chloride   BDL   0.047   mg/kg   8260B   04/28/07   47     Naphthalene   BDL   0.047   mg/kg   8260B   04/28/07   47     n-Propylbenzene   BDL   0.047   mg/kg   8260B   04/28/07   47     1,1,2-Tetrachloroethane   BDL   0.047   mg/kg   8260B   04/28/07   47     1,1,2-Tetrachloroethane   BDL   0.047   mg/kg   8260B   04/28/07   47     1,1,2-Trichloro-1,2,2-trifluoro   BDL   0.047   mg/kg   8260B   04/28/07   47     Tetrachloroethene   BDL   0.047   mg/kg   8260B   04/28/07   47     Toluene   BDL   0.047   mg/kg   8260B   04/28/07   47     1,2,4-Trichlorobenzene   BDL   0.047   mg/kg   8260B   04/28/07   47     1,2,4-Trichlorobenzene   BDL   0.047   mg/kg   8260B   04/28/07   47     1,1-Trichlorobenzene   BDL   0.0							
Ethylbenzene Hexachlorobutadiene BDL 0.047 mg/kg 8260B 04/28/07 47  p-Isopropylbenzene BDL 0.047 mg/kg 8260B 04/28/07 47  p-Isopropyltoluene BDL 0.047 mg/kg 8260B 04/28/07 47  2-Butanone (MEK) BDL 0.47 mg/kg 8260B 04/28/07 47  Methylene Chloride BDL 0.24 mg/kg 8260B 04/28/07 47  Methyl-2-pentanone (MIBK) BDL 0.47 mg/kg 8260B 04/28/07 47  Methyl tert-butyl ether BDL 0.047 mg/kg 8260B 04/28/07 47  Naphthalene BDL 0.047 mg/kg 8260B 04/28/07 47  Naphthalene BDL 0.047 mg/kg 8260B 04/28/07 47  Naphthalene BDL 0.047 mg/kg 8260B 04/28/07 47  Naphthalene BDL 0.047 mg/kg 8260B 04/28/07 47  1,1,2-Tetrachloroethane BDL 0.047 mg/kg 8260B 04/28/07 47  1,1,2-Tetrachloroethane BDL 0.047 mg/kg 8260B 04/28/07 47  1,1,2-Trichloro-1,2,2-trifluoro BDL 0.047 mg/kg 8260B 04/28/07 47  1,1,2-Trichloro-1,2,2-trifluoro BDL 0.047 mg/kg 8260B 04/28/07 47  1,1,2-Trichloroethene BDL 0.047 mg/kg 8260B 04/28/07 47  1,1,2-Trichloroethene BDL 0.047 mg/kg 8260B 04/28/07 47  1,2,3-Trichlorobenzene BDL 0.047 mg/kg 8260B 04/28/07 47  1,2,4-Trichlorobenzene BDL 0.047 mg/kg 8260B 04/28/07 47  1,2,4-Trichlorobenzene BDL 0.047 mg/kg 8260B 04/28/07 47  1,1,1-Trichlorobenzene BDL 0.047 mg/kg 8260B 04/28/07 47	Di-isopropyl ether			mg/kg			
Hexachlorobutable    Section   Sec	Ethylbenzene						
Isopropylbenzene	Hexachlorobutadiene						
p-Isopropyltoluene 2-Butanone (MEK) BDL 0.47 mg/kg 8260B 04/28/07 47  Methylene Chloride BDL 0.24 mg/kg 8260B 04/28/07 47  4-Methyl-2-pentanone (MIBK) BDL 0.047 mg/kg 8260B 04/28/07 47  Methyl tert-butyl ether BDL 0.047 mg/kg 8260B 04/28/07 47  Naphthalene BDL 0.047 mg/kg 8260B 04/28/07 47  Naphthalene BDL 0.047 mg/kg 8260B 04/28/07 47  Styrene BDL 0.047 mg/kg 8260B 04/28/07 47  Styrene BDL 0.047 mg/kg 8260B 04/28/07 47  1,1,2-Tetrachloroethane BDL 0.047 mg/kg 8260B 04/28/07 47  1,1,2-Tetrachloroethane BDL 0.047 mg/kg 8260B 04/28/07 47  1,1,2-Trichloro-1,2,2-trifluoro BDL 0.047 mg/kg 8260B 04/28/07 47  Tetrachloroethene BDL 0.047 mg/kg 8260B 04/28/07 47  Tetrachloroethene BDL 0.047 mg/kg 8260B 04/28/07 47  Toluene BDL 0.047 mg/kg 8260B 04/28/07 47	Isopropylbenzene						
2-Butanone (MEK) BDL 0.47 mg/kg 8260B 04/28/07 47 Methylene Chloride BDL 0.24 mg/kg 8260B 04/28/07 47 4-Methyl-2-pentanone (MIBK) BDL 0.47 mg/kg 8260B 04/28/07 47 Methyl tert-butyl ether BDL 0.047 mg/kg 8260B 04/28/07 47 Naphthalene BDL 0.047 mg/kg 8260B 04/28/07 47 n-Propylbenzene BDL 0.047 mg/kg 8260B 04/28/07 47 Styrene BDL 0.047 mg/kg 8260B 04/28/07 47 1,1,2-Tetrachloroethane BDL 0.047 mg/kg 8260B 04/28/07 47 1,1,2-Tetrachloroethane BDL 0.047 mg/kg 8260B 04/28/07 47 1,1,2-Trichloro-1,2,2-trifluoro BDL 0.047 mg/kg 8260B 04/28/07 47 Tetrachloroethene BDL 0.047 mg/kg 8260B 04/28/07 47 Toluene BDL 0.047 mg/kg 8260B 04/28/07 47 Toluene BDL 0.047 mg/kg 8260B 04/28/07 47 Toluene BDL 0.047 mg/kg 8260B 04/28/07 47 1,2,3-Trichlorobenzene BDL 0.047 mg/kg 8260B 04/28/07 47 1,2,4-Trichlorobenzene BDL 0.047 mg/kg 8260B 04/28/07 47 1,1,4-Trichlorobenzene BDL 0.047 mg/kg 8260B 04/28/07 47 1,1,5-Trichlorobenzene BDL 0.047 mg/kg 8260B 04/28/07 47	n-Isopropyltoluene						
Methylene Chloride         BDL         0.24         mg/kg         8260B         04/28/07         47           4-Methyl-2-pentanone (MIBK)         BDL         0.47         mg/kg         8260B         04/28/07         47           Methyl tert-butyl ether         BDL         0.047         mg/kg         8260B         04/28/07         47           Naphthalene         BDL         0.047         mg/kg         8260B         04/28/07         47           Naphthalene         BDL         0.047         mg/kg         8260B         04/28/07         47           Styrene         BDL         0.047         mg/kg         8260B         04/28/07         47           1,1,2-Tetrachloroethane         BDL         0.047         mg/kg         8260B         04/28/07         47           1,1,2-Trichloro-1,2,2-trifluoro         BDL         0.047         mg/kg         8260B         04/28/07         47           Tetrachloroethene         BDL         0.047         mg/kg         8260B         04/28/07         47           Toluene         BDL         0.047         mg/kg         8260B         04/28/07         47           1,2,3-Trichlorobenzene         BDL         0.047         mg/kg         8260B							
4-Methyl-2-pentanone (MIBK) BDL 0.47 mg/kg 8260B 04/28/07 47 Methyl tert-butyl ether BDL 0.047 mg/kg 8260B 04/28/07 47 Naphthalene BDL 0.047 mg/kg 8260B 04/28/07 47 n-Propylbenzene BDL 0.047 mg/kg 8260B 04/28/07 47 Styrene BDL 0.047 mg/kg 8260B 04/28/07 47 1,1,2-Tetrachloroethane BDL 0.047 mg/kg 8260B 04/28/07 47 1,1,2-Trichloroethane BDL 0.047 mg/kg 8260B 04/28/07 47 1,1,2-Trichloro-1,2,2-trifluoro BDL 0.047 mg/kg 8260B 04/28/07 47 Tetrachloroethene BDL 0.047 mg/kg 8260B 04/28/07 47 Toluene BDL 0.047 mg/kg 8260B 04/28/07 47 1,2,3-Trichlorobenzene BDL 0.047 mg/kg 8260B 04/28/07 47 1,2,3-Trichlorobenzene BDL 0.047 mg/kg 8260B 04/28/07 47 1,2,4-Trichlorobenzene BDL 0.047 mg/kg 8260B 04/28/07 47 1,1,1-Trichloroethane BDL 0.047 mg/kg 8260B 04/28/07 47	Methylene Chloride	BDL					
Methyl tert-butyl ether         BDL         0.047         mg/kg         8260B         04/28/07         47           Naphthalene         BDL         0.047         mg/kg         8260B         04/28/07         47           n-Propylbenzene         BDL         0.047         mg/kg         8260B         04/28/07         47           Styrene         BDL         0.047         mg/kg         8260B         04/28/07         47           1,1,2-Tetrachloroethane         BDL         0.047         mg/kg         8260B         04/28/07         47           1,1,2-Trichloro-1,2,2-trifluoro         BDL         0.047         mg/kg         8260B         04/28/07         47           Tetrachloroethene         BDL         0.047         mg/kg         8260B         04/28/07         47           Toluene         BDL         0.047         mg/kg         8260B         04/28/07         47           1,2,3-Trichlorobenzene         BDL         0.047         mg/kg         8260B         04/28/07         47           1,2,4-Trichlorobenzene         BDL         0.047         mg/kg         8260B         04/28/07         47           1,2,4-Trichlorobenzene         BDL         0.047         mg/kg         8260B <td>4-Methyl-2-pentanone (MIBK)</td> <td><math>\mathtt{BDL}</math></td> <td></td> <td></td> <td></td> <td></td> <td></td>	4-Methyl-2-pentanone (MIBK)	$\mathtt{BDL}$					
Naphthalene         BDL         0.24         mg/kg         8260B         04/28/07         47           n-Propylbenzene         BDL         0.047         mg/kg         8260B         04/28/07         47           Styrene         BDL         0.047         mg/kg         8260B         04/28/07         47           1,1,2,2-Tetrachloroethane         BDL         0.047         mg/kg         8260B         04/28/07         47           1,1,2-Trichloro-1,2,2-trifluoro         BDL         0.047         mg/kg         8260B         04/28/07         47           Tetrachloroethene         BDL         0.047         mg/kg         8260B         04/28/07         47           Toluene         BDL         0.047         mg/kg         8260B         04/28/07         47           1,2,3-Trichlorobenzene         BDL         0.047         mg/kg         8260B         04/28/07         47           1,2,4-Trichlorobenzene         BDL         0.047         mg/kg         8260B         04/28/07         47           1,1,2-Trichlorobenzene         BDL         0.047         mg/kg         8260B         04/28/07         47           1,1,1-Trichloroethane         BDL         0.047         mg/kg         8260B <td>Methyl tert-butyl ether</td> <td><math>\mathtt{BDL}</math></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Methyl tert-butyl ether	$\mathtt{BDL}$					
n-Propylbenzene BDL 0.047 mg/kg 8260B 04/28/07 47 Styrene BDL 0.047 mg/kg 8260B 04/28/07 47  1,1,1,2-Tetrachloroethane BDL 0.047 mg/kg 8260B 04/28/07 47  1,1,2,2-Tetrachloroethane BDL 0.047 mg/kg 8260B 04/28/07 47  1,1,2-Trichloro-1,2,2-trifluoro BDL 0.047 mg/kg 8260B 04/28/07 47  Tetrachloroethene BDL 0.047 mg/kg 8260B 04/28/07 47  Toluene BDL 0.047 mg/kg 8260B 04/28/07 47  1,2,3-Trichlorobenzene BDL 0.047 mg/kg 8260B 04/28/07 47  1,2,4-Trichlorobenzene BDL 0.047 mg/kg 8260B 04/28/07 47  1,1,4-Trichloroethane BDL 0.047 mg/kg 8260B 04/28/07 47		BDL	0.24				
Styrene         BDL         0.047         mg/kg         8260B         04/28/07         47           1,1,1,2-Tetrachloroethane         BDL         0.047         mg/kg         8260B         04/28/07         47           1,1,2-Tetrachloroethane         BDL         0.047         mg/kg         8260B         04/28/07         47           1,1,2-Trichloro-1,2,2-trifluoro         BDL         0.047         mg/kg         8260B         04/28/07         47           Tetrachloroethene         BDL         0.047         mg/kg         8260B         04/28/07         47           Toluene         BDL         0.047         mg/kg         8260B         04/28/07         47           1,2,3-Trichlorobenzene         BDL         0.047         mg/kg         8260B         04/28/07         47           1,2,4-Trichlorobenzene         BDL         0.047         mg/kg         8260B         04/28/07         47           1,1-Trichlorobenzene         BDL         0.047         mg/kg         8260B         04/28/07         47           1,1-Trichlorobenzene         BDL         0.047         mg/kg         8260B         04/28/07         47		$\mathtt{BDL}$	0.047	mg/kg			
1,1,1,2-Tetrachloroethane BDL 0.047 mg/kg 8260B 04/28/07 47 1,1,2,2-Tetrachloroethane BDL 0.047 mg/kg 8260B 04/28/07 47 1,1,2-Trichloro-1,2,2-trifluoro BDL 0.047 mg/kg 8260B 04/28/07 47 Tetrachloroethene BDL 0.047 mg/kg 8260B 04/28/07 47 Toluene BDL 0.047 mg/kg 8260B 04/28/07 47 1,2,3-Trichlorobenzene BDL 0.047 mg/kg 8260B 04/28/07 47 1,2,4-Trichlorobenzene BDL 0.047 mg/kg 8260B 04/28/07 47 1,1,1-Trichloroethane BDL 0.047 mg/kg 8260B 04/28/07 47		BDL	0.047	mg/kg			
1,1,2,2-Tetrachloroethane BDL 0.047 mg/kg 8260B 04/28/07 47 1,1,2-Trichloro-1,2,2-trifluoro BDL 0.047 mg/kg 8260B 04/28/07 47 Tetrachloroethene BDL 0.047 mg/kg 8260B 04/28/07 47 Toluene BDL 0.24 mg/kg 8260B 04/28/07 47 1,2,3-Trichlorobenzene BDL 0.047 mg/kg 8260B 04/28/07 47 1,2,4-Trichlorobenzene BDL 0.047 mg/kg 8260B 04/28/07 47 1,1-Trichloroethane BDL 0.047 mg/kg 8260B 04/28/07 47	1 1 1 2-Tetrachloroethane		0.047				
1,1,2-Trichloro-1,2,2-trifluoro BDL 0.047 mg/kg 8260B 04/28/07 47 Tetrachloroethene BDL 0.047 mg/kg 8260B 04/28/07 47 Toluene BDL 0.047 mg/kg 8260B 04/28/07 47 1,2,3-Trichlorobenzene BDL 0.047 mg/kg 8260B 04/28/07 47 1,2,4-Trichlorobenzene BDL 0.047 mg/kg 8260B 04/28/07 47 1,1-Trichloroethane BDL 0.047 mg/kg 8260B 04/28/07 47	1 1 2 2-Tetrachloroethane		0.047	mg/kg	8260B		
Tetrachloroethene BDL 0.047 mg/kg 8260B 04/28/07 47 Toluene BDL 0.24 mg/kg 8260B 04/28/07 47  1,2,3-Trichlorobenzene BDL 0.047 mg/kg 8260B 04/28/07 47  1,2,4-Trichlorobenzene BDL 0.047 mg/kg 8260B 04/28/07 47  1,1,1-Trichloroethane BDL 0.047 mg/kg 8260B 04/28/07 47	1 1 2-Trichloro-1 2 2-trifluoro		0.047	mg/kg	8260B		
Toluene BDL 0.24 mg/kg 8260B 04/28/07 47 1,2,3-Trichlorobenzene BDL 0.047 mg/kg 8260B 04/28/07 47 1,2,4-Trichlorobenzene BDL 0.047 mg/kg 8260B 04/28/07 47 1,1-Trichloroethane BDL 0.047 mg/kg 8260B 04/28/07 47	Total crostbare			mg/kg	8260B	04/28/07	47
1,2,3-Trichlorobenzene BDL 0.047 mg/kg 8260B 04/28/07 47 1,2,4-Trichlorobenzene BDL 0.047 mg/kg 8260B 04/28/07 47 1,1-Trichloroethane BDL 0.047 mg/kg 8260B 04/28/07 47					8260B	04/28/07	47
1,2,4-Trichlorobenzene BDL 0.047 mg/kg 8260B 04/28/07 47	101uene				8260B	04/28/07	47
1.1.1 Trickloroethane BDL 0.047 mg/kg 8260B 04/28/07 47	1,2,3-Ificitiocopenzene				8260B	04/28/07	47
	1,2,4-Trichloropenzene					04/28/07	47
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1	1,1,1-Trichtoroethane					04/28/07	47
1,1,2-1110h1010ethale	1,1,2-Trichtoroechane					04/28/07	47
Trichloroethene 04/28/07 47							
Trichlorofituoromethane 2000 00/28/07 47							
1,2,3-Trichloropropane							
1,2,4-irimethylbenzene	1,2,4-Trimethylbenzene						
1,2,3-Trimethylbenzene	1,2,3-Trimethylbenzene						
1,3,5-Trimethylberizene	1,3,5-Trimethylbenzene						
Vinyl Chloride 04/28/07 47							
xylenes, local		BDT	0.14	ug/kg	0200B	04/20/07	T. /
Surrogate Recovery \$ Rec. 8260B 04/28/07 47	Surrogate Recovery			0 15	00.00	04/29/07	47
Toluene-as							
Dibromofiuoromethane	Dibromofluoromethane						
4-Bromofluorobenzene 93.2 % Rec. 8260B 04/28/07 47	4-Bromofluorobenzene	93.2		% Rec.	8260B	04/28/07	4 /
C10-C22 Hydrocarbons 49. 30. mg/kg 8015AZ 05/01/07 1		1 G	3.0	ma/ka	8015AZ	05/01/07	1
CIO-CZZ Hydrocalbons	CIO-CZZ Hydrocarbons						
C22-C32 Hydrocarbons 120 50. mg/kg 8015A2 05/01/07 1	C22-C32 Hydrocarbons	120	JV.	פיי יביי	0010110	,,	
Polychlorinated Biphenyls	Polychlorinated Biphenyls					//	
DOE 1016 BDL 0.68 mg/kg 8082 83/01/07 40	PCB 1016	BDL					
PCB 1010  PCB 1221  BDL 0.68 mg/kg 8082 05/01/07 40		BDL	0.68	mg/kg	8082	05/01/07	40

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
L291081-02 (V8260) - Cannot run lower, client sent only MeOH vial.



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

May 01, 2007

ESC Sample # : L291081-02

Date Received

April 28, 2007

Description

Washington Park Infrastructure

Sample ID

NLPC 16.5 FT

Site ID :

Project # : 2187JK136

Collected By Collection Date :

Josh Kannanberg 04/26/07 18:57

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL 13.	0.68 0.68 0.68 0.68	mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082	05/01/07 05/01/07 05/01/07 05/01/07 05/01/07	40 40 40 40 40
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	0.00		% Rec. % Rec.	8082 8082	05/01/07 05/01/07	40 40

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.

. Reported: 05/01/07 16:24 Printed: 05/01/07 16:25 L291081-02 (V8260) - Cannot run lower, client sent only MeOH vial.

# $\begin{array}{c} \text{Attachment A} \\ \text{List of Analytes with QC Qualifiers} \end{array}$

Sample #	Analyte	Qualifier
L291081-01 L291081-02	Decachlorobiphenyl Tetrachloro-m-xylene Arsenic Lead Decachlorobiphenyl Tetrachloro-m-xylene	J7 J7 O J3 J7 J7

#### Attachment B Explanation of QC Qualifier Codes

The associated batch QC was outside the established quality control range for precision.  Surrogate recovery limits cannot be evaluated; surrogates were diluted out  (ESC) Sample diluted due to matrix interferences that impaired the ability to make an accurate analytical determination. The detection limit is elevated in order to reflect the necessary dilution.	Qualifier	Meaning
O (ESC) Sample diluted due to matrix interferences that impaired the ability	J3	The associated batch QC was outside the established quality control range for precision.
to make an accurate analytical determination. The detection limit is	<b>J</b> 7	Surrogate recovery limits cannot be evaluated; surrogates were diluted out
	0	to make an accurate analytical determination. The detection limit is

#### Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

#### Definitions

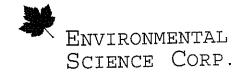
- Accuracy The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.
- Precision The agreement between a set of samples or between duplicate samples.

  Relates to how close together the results are and is represented by Relative Percent Difference.
- Surrogate Organic compounds that are similar in chemical composition, extraction, and chromotography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

  Control Limits (AQ)

2-Fluorophenol 31-119 Nitrobenzene-d5 43-118 Dibromfluoromethane 68-128 64-125 Phenol-d5 12-134 2-Fluoropiphenyl 45-128 Toluene-d8 76-115 69-118 2,4,6-Tribromophenol 51-141 Terphenyl-d14 43-137 4-Bromofluorobenzene 79-127 61-134

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.



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stern Technologies vid Regonini 37 East Broadway Rd.

penix, AZ 85040

Quality Assurance Report Level II

L291081

				VIII VIII VIII VIII VIII VIII VIII VII
		Laboratory Bla	nk _	D- 4-2
lute	Result	Units	Date Analyzed	Batch
lyte enic ium mium omium d enium	< 1 < .25 < .25 < .5 < .25 < 1 < .5	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	04/29/07 07:24 04/29/07 07:24 04/29/07 07:24 04/29/07 07:24 04/29/07 07:24 04/29/07 07:24 04/29/07 07:24	WG297671 WG297671 WG297671 WG297671 WG297671 WG297671 WG297671
ver  1016 1221 1232 1242 1248 1254 1260	< .017 < .017 < .017 < .017 < .017 < .017 < .017	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	04/30/07 16:49 04/30/07 16:49 04/30/07 16:49 04/30/07 16:49 04/30/07 16:49	WG297689 WG297689 WG297689 WG297689 WG297689 WG297689 WG297689
-C22 Hydrocarbons -C32 Hydrocarbons	< 30 < 50	mg/kg mg/kg	04/30/07 10:40 04/30/07 10:40	WG297690
1242 1248 1254 1260  -C22 Hydrocarbons -C32 Hydrocarbons  .1,2-Tetrachloroethane .1-Trichloroethane .2-Trichloroethane .2-Trichloroethane .2-Trichloroethane .2-Trichloroethane .2-Trichloroethane .Dichloroethane .Dichloroethene .Dichloropropene .3-Trichlorobenzene .3-Trichlorobenzene .3-Trimethylbenzene .4-Trimethylbenzene .4-Trimethylbenzene .9-Dichlorobenzene .Dichloroethane .Dichloroethane .Dichloropropane .5-Trimethylbenzene .Dichloropropane .Dichloropropane .Dichloropropane .Dichloropropane .Dichlorobenzene .Dichlorobenzene .Dichlorobenzene .Dichloropropane	< .001 < .001 < .001	mg/kg mg/kg	04/28/07 21:16 04/28/07 21:16	WG297695 WG297695
omobenzene omodichloromethane omoform omomethane rbon tetrachloride lorobenzene lorodibromomethane loroethane loroform loromethane	< .001 < .001 < .005 < .001 < .001 < .001 < .005 < .001	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	04/28/07 21:16 04/28/07 21:16 04/28/07 21:16 04/28/07 21:16 04/28/07 21:16 04/28/07 21:16 04/28/07 21:16 04/28/07 21:16 04/28/07 21:16	WG297695 WG297695 WG297695 WG297695 WG297695 WG297695 WG297695 WG297695



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Est. 1970

stern Technologies vid Regonini 37 East Broadway Rd.

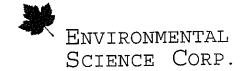
Quality Assurance Report Level II

May 01, 2007

penix, AZ 85040

L291081

-1,2-Dichloroethene	< .001		mg/kg	04/28/07	21:16	WG297695	
-1,Z-DICHIOLOGO-	· · · · · · · · · · · · · · · · · · ·	Labora	tory Blani	k			
	Result	hanora	Units	Date Anal	lyzed	Batch	
lyte				24/22/27	21.42	WG297695	
-1,3-Dichloropropene	< .001		mg/kg	04/28/07 04/28/07		WG297695	
isopropyl ether	< .001		mg/kg mg/kg	04/28/07	21:16	WG297695	
romomethane	< .001		mg/kg	04/28/07	21:16	WG297695	and the second
hlorodifluoromethane	< .001	•	mg/kg	04/28/07	21:16	WG297695	
ylbenzene	< .001		mg/kg	04/28/07	21:16	WG297695	
achlorobutadiene	< .001		mg/kg	04/28/07	21:16	WG297695	
propylbenzene hyl tert-butyl ether	< .001		mg/kg	04/28/07	21:16	WG297695	
hylene Chloride	< .005		mg/kg	04/28/07	21:16	WG297695	a district
utylbenzene	< .001	ngka Mili	mg/kg	04/28/07 04/28/07	21:16	WG297695 WG297695	
ropylbenzene	< .001		mg/kg	04/28/07	21:10	WG297695	
htĥalene	< .005	. Jeen John	mg/kg mg/kg	04/28/07	21.16	WG297695	<b>斯勒氏 职业 新加克利</b>
sopropyltoluene	< .001	la Paris de	mg/kg	04/28/07	21:16	WG297695	
-Butylbenzene	< .001		ma/ka	04/28/07	21:16	WG297695	
rene	< .001		mg/kg	04/28/07	21:16	WG297695	
t-Butylbenzene	< .001		mg/kg	04/28/07	21:16	WG297695	
rachloroethene	< .005		mg/kg	04/28/07	21:16	WG297695	and the second
uene ns-1,2-Dichloroethene	< .001		mg/kg	04/28/07		WG297695	
ns-1,3-Dichloropropene	< .001		mg/kg	04/28/07		WG297695	
chloroethene	< .001		mg/kg	04/28/07	21:16	WG297695 WG297695	
chlorofluoromethane	< .001		mg/kg	04/28/07 04/28/07	21:16	WG297695	
vl chloride	< .001		mg/kg	04/28/07	21:10	WG297695	
enes, Total	< .003	All the second	mg/kg	04/20/07	21.10		
	< .02		mg/kg	04/30/07	15:11	WG297743	
cury	< .UZ	<del></del>	mg/ reg	02,00,00			
		Dup	licate				D = 41-
lerb o	Units	Result	Duplica	te RPD	Limit	Ref Samp	Batch
lyte				0.00	20	L291081-0	2 WG297671
enic	mg/kg	0.00	0.00	0.00 8.64	20	L291081-0	
ium	mg/kg	78.5	72.0 1.20	18.9	20	L291081-0	
mium.	mg/kg	1.45	7.70	10.5	20	L291081-0	· · · · · · · · · · · · · · · · · · ·
omium	mg/kg	8.55	10.0	24.6	20	L291081-0	
.đ	mg/kg mg/kg	12.8	0.00	0.00	20	L291081-0	2 WG297671
enium	mg/kg	0.00	0.00	0.00	20	L291081-0	2 WG297671
ver	1197729	0.44					·
, man hade #	mq/kg	0.00	0.00	0.00	20	L290880-0	7 WG297743
cury							
		oratory Known	Control S	ampie esult	% Rec	Limit	Batch
.lyte	Units	KIIOWII	val R	CBULC			1.000
-	mq/kq	161	150		93.2	79.5-120	
enic	mg/kg	252	239		94.8	82.1-117	
ium	mg/kg	128	121		94.5	81.3-118	
lmium	mg/kg	69.5	61	.7	88.8	78.6-121	
Omium	mg/kg	142	136		95.8	80.3-119	
id and in	mg/kg	64.2	61		96.3	75.5-124	
enium .ver	mg/kg	130	123		94.6	53-146.9	WG29/6/1
.Ver					01 6	64-120	WG297689
1 1260	mg/kg	.167	0	.153	91.6	04.150	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	/1	20	20	. 9	76.3	50-150	WG297690
I-C22 Hydrocarbons	mg/kg	30 30		.1	93.7		WG297690
:-C32 Hydrocarbons	mg/kg	0 د	20	· ·			
	ma / 2 a	.05	n	.0462	92.4	66-134	WG297695
.,1,2-Tetrachloroethane	mg/kg mg/kg	.05		.0398	79.6		WG297695
.,1-Trichloroethane	mg/kg	.05		.0435	87.0	68-122	WG297695
.,2,2-Tetrachloroethane			_				



Tax I.D. 62-0814289

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estern Technologies Nid Regonini 137 East Broadway Rd.

noenix, AZ 85040

Quality Assurance Report Level II

L291081

t,2-Trichloroethane	mg/kg	.05	0.0467	93.3	69-118	WG297695
- /	Lab	oratory Control	Sample			
alyte	Units	Known Val	Result	% Rec	Limit	Batch
1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	.05	0.0437	87.4	62-146	
L-Dichloroethane	mg/kg	.05	0.0421	84.1	55-133	WG297695
L-Dichloroethene	mg/kg	.05	0.0421	84.1	65-129	WG297695 WG297695
L-Dichloropropene	mg/kg	.05	0.0391	78.2 105	63-130 60-149	WG297695
2,3-Trichlorobenzene	mg/kg	.05	0.0523 0.0477	95.4	65-137	WG297695
2,3-Trichloropropane	mg/kg	.05	0.0424	84.8	60-107	WG297695
2,3-Trimethylbenzene	mg/kg mg/kg	.05	0.0472	94.5	59-160	WG297695
2,4-Trichlorobenzene	mg/kg	.05	0.0437	87.3	59-138	WG297695
2,4-Trimethylbenzene 2-Dibromo-3-Chloropropane	mg/kg	.05	0.0449	89.8	51-142	WG297695
2-Dibromoethane	mq/kg	.05	0.0455	91.0	64-129	WG297695
2-Dichlorobenzene	mg/kg	.05	0.0489	97.7	70-126 55-139	WG297695 WG297695
2-Dichloroethane	mg/kg	.05	0.0390 0.0449	78.0 89.8	64-124	WG297695
2-Dichloropropane	mg/kg	.05 .05	0.0448	89.7	66-132	WG297695
3,5-Trimethylbenzene	mg/kg mg/kg	.05	0.0471	94.2	64-139	WG297695
3-Dichlorobenzene	mg/kg	.05	0.0443	88.6	71-122	WG297695
3-Dichloropropane 4-Dichlorobenzene	mg/kg	.05	0.0479	95.8	66-129	WG297695
2-Dichloropropane	mg/kg	.05	0.0394	78.8	51-149	WG297695
Butanone (MEK)	mg/kg	.25	0.229	91.6 76.6	47-134 44-142	WG297695 WG297695
Chloroethyl vinyl ether	mg/kg	.25	0.191 0.0427	76.6 85.4	64-137	WG297695
Chlorotoluene	mg/kg	.05 .05	0.0427	85.1	69-133	WG297695
Chlorotoluene (MTRK)	mg/kg mg/kg	.25	0.235	94.2	55-132	WG297695
Methyl-2-pentanone (MIBK)	mg/kg	.25	0.226	90.4	49-158	WG297695
stone W. A. M. M. M. M. M. M. M. M. M. M. M. M. M.	mg/kg	. 25	0.207	82.6	44-126	WG297695
nzene	mg/kg	.05	0.0411	82.2	65-123 66-137	WG297695
omobenzene	mg/kg	.05	0.0406	81.2 86.1	67-126	WG297695 WG297695
omodichloromethane	mg/kg	.05 .05	0.0431 0.0503	101.	56-144	WG297695
omoform	mg/kg mg/kg	.05	0.0561	112	37-117	WG297695
omomethane	mg/kg	.05	0.0399	79.8	61-146	WG297695
rbon tetrachloride lorobenzene	mg/kg	.05	0.0451	90.3	68-130	WG297695
lorodibromomethane	mg/kg	.05	0.0448	89.6	64-131	WG297695
loroethane	mg/kg	.05	0.0469	93.7	49-148 63-125	WG297695 WG297695
loroform	mg/kg	.05	0.0442 0.0420	88.5 84.1	41-147	WG297695
loromethane	mg/kg	.05 .05	0.0432	86.3	68-121	WG297695
s-1,2-Dichloroethene	mg/kg mg/kg	.05	0.0433	86.6	69-120	WG297695
s-1,3-Dichloropropene	mg/kg	.05	0.0416	83.3	58-124	WG297695
-isopropyl ether promomethane	mg/kg	.05	0.0424	84.8	68-122	WG297695
chlorodifluoromethane	mg/kg	.05	0.0388	77.6	45-139	WG297695
hylbenzene	mg/kg	.05	0.0462	92.4	69-124 59-129	WG297695 WG297695
xachlorobutadiene	mg/kg	.05	0.0445 0.0458	89.1 91.6	69-133	WG297695
opropylbenzene	mg/kg	.05 .05	0.0438	87.6	56-132	WG297695
thyl tert-butyl ether	mg/kg mg/kg	.05	0.0443	88.6	55~125	WG297695
thylene Chloride	mg/kg	.05	0.0412	82.4	61-136	WG297695
Butylbenzene Propylbenzene	mg/kg	.05	0.0439	87.8	68-129	WG297695
ohthalene	mg/kg	.05	0.0522	104.	63-146	WG297695
Isopropyltoluene	mg/kg	.05	0.0465	93.0	64-141	WG297695 WG297695
c-Butylbenzene	mg/kg	.05	0.0454	90.8 95.5	66-133 68-126	WG297695 WG297695
yrene	mg/kg	.05	0.0477 0.0469	93.8	64-136	WG297695
rt-Butylbenzene	mg/kg	.05 .05	0.0448	89.7	62-143	WG297695
trachloroethene	mg/kg mg/kg	.05	0.0435	87.0	69-120	WG297695
luene ans-1,2-Dichloroethene	mg/kg	.05	0.0418	83.7	68-130	WG297695
ans-1,2-Dichloropropene	mg/kg	.05	0.0424	84.8	51-115	WG297695
ichloroethene	mg∕kg	.05	0.0442	88.3	70-124	WG297695
# With the William to the Common of the Comm						



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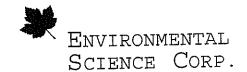
stern Technologies vid Regonini 37 East Broadway Rd.

penix, AZ 85040

Quality Assurance Report Level II

L291081

chlorofluoromethane	mg/kg	.05	0.	.0416		83.3	46-131	WG297695
CHIOIOIIIIOIOIIECHANC				3 -	-			
		oratory C Known		ampie esult	용	Rec	Limit	Batch
<u>lyte</u>	Units	KIIOWII	var no	COULC	<u>~</u>			
yl chloride	mg/kg	.05	0 -	.0449		89.8	49-133	
enes, Total	mg/kg	.15	0	.138		91.9	69-126	WG297695
CHCC, TOTAL						0= 0	. ee:1-124	WG297743
cury	mg/kg	16.9	14	. 4		85.2	00.1-104	· HGZJ774J
	Laborato	ry Contro	ol Sample	Duplicat	e			
	Units	LCSD Res	Ref Res	RPD	Lim	it %Rec	Batch	
lyte								C'00
1260	mg/kg	0.168	0.153	9.20	2.0	100	WG297	689
	/1	21 6	22.9	5.77	20	72	WG297	690
-C22 Hydrocarbons	mg/kg	21.6 26.8					WG297	
-C32 Hydrocarbons	9/ 129	20.0						
,1,2-Tetrachloroethane	mg/kg	0.0455	0.0462	1.44	16	91	WG297	
,1-Trichloroethane	mg/kg	0.0389	0.0398	2.28	16		WG297	A S. 2 S
, 2, 2-Tetrachloroethane	mg/kg	0.0432	0.0435	0.797	16	86	WG297	
2-Trichloroethane	mg/kg	0.0471	0.0467	0.991	14	94	WG297 WG297	
,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0434	0.0437			87 83	WG297 WG297	
-Dichloroethane	mg/kg	0.0416	0.0421	1.11	16 19	85	WG297	
-Dichloroethene	mg/kg	0.0423	0.0421	0.440 1.14	17	77		
-Dichloropropene	mg/kg	0.0387	0.0391	1.74	21	106	WG297	
,3-Trichlorobenzene	mg/kg	0.0532	0.0477	1.52	19	94	WG297	
,3-Trichloropropane	mg/kg mg/kg		0.0424	1.69	15			and the second s
,3-Trimethylbenzene	mg/kg	0.0474	0.0472	0.446	20	95	WG297	
,4-Trichlorobenzene	mg/kg	0.0427	0.0437	2.27	15	85	WG297	695
,4-Trimethylbenzene	mg/kg	0.0461			20	92	WG297	695
-Dibromo-3-Chloropropane -Dibromoethane	mg/kg	0.0465	0.0455	2.21	23	93	WG297	
-Dichlorobenzene	mg/kg	0.0493	0.0489	0.919	15	99	WG297	
-Dichloroethane	mg/kg	0.0388	0.0390	0.566		78	WG297	
-Dichloropropane	mg/kg	0.0449	0.0449	0.0910		90	WG297	
,5-Trimethylbenzene	mg/kg	0.0434	0.0448	3.22	15	87	WG297	
-Dichlorobenzene	mg/kg	0.0469	0.0471		18	1	WG297	
-Dichloropropane	mg/kg	0.0445	0.0443	0.567	15 17	89 95	WG297 WG297	
-Dichlorobenzene	mg/kg	0.0475	0.0479	0.806 0.780	19	78		
-Dichloropropane	mg/kg		0.0394 0.229	1.28	21	90	WG297	
utanone (MEK)	mg/kg	0.226 0.185	0.191	3.16	14	74	WG297	
hloroethyl vinyl ether	mg/kg mg/kg	0.0421	0.0427	1.41	19	84	WG297	
hlorotoluene	mg/kg	0.0418	0.0425	1.83	16	84	WG297	695
hlorotoluene	mg/kg	0.238	0.235	1.09	19	95	WG297	695
ethyl-2-pentanone (MIBK)	mg/kg	0.223	0.226	1.16	31	89	WG297	
tone ylonitrile	mg/kg	0.208	0.207	0.468	1.8	83	WG297	
zene	mg/kg	0.0407	0.0411	0.829	13	81	WG297	
mobenzene	mg/kg	0.0436	0.0406	7.13	1.5	87	WG297	
modichloromethane	mg/kg	0.0424	0.0431	1.64	13	85	WG297	
moform	mg/kg	0.0506	0.0503	0.471	16	101	WG297	
momethane	mg/kg	0.0538	0.0561	4.35	20	108	WG297 WG297	
bon tetrachloride	mg/kg	0.0391	0.0399		16 16	78 90	WG297	
orobenzene	mg/kg	0.0450	0.0451	0.408 0.500		90	WG297	
orodibromomethane	mg/kg	0.0450	0.0448	1.48	16 16	92	WG297	
oroethane	mg/kg	0.0462 0.0441	0.0469	0.224	14	88	WG297	
oroform	mg/kg	0.0441	0.0420	2.33	17	82	WG297	
oromethane	mg/kg mg/kg	0.0441	0.0432	2.24	15	88	WG297	
-1,2-Dichloroethene	mg/kg	0.0432	0.0433	0.395	15	86	WG297	
-1,3-Dichloropropene	mg/kg	0.0405	0.0416	2.75	15	81	WG297	695
isopropyl ether	mg/kg	0.0429	0.0424	1.13	14	86	WG297	
romomethane hlorodifluoromethane	mg/kg	0.0380	0.0388	2.10	19	76	WG297	695
HTOTOGIT LUOY OMG CHARIC								



Tax I.D. 62-0814289

Est. 1970

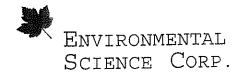
stern Technologies vid Regonini 37 East Broadway Rd.

oenix, AZ 85040

Quality Assurance Report Level II

L291081

	mg/kg	0.0461	0.0462	0.101	L 15	92	WG297695	
ylbenzene					4100			
lyte	aborato Units	ry Contro LCSD Res	Ref Res	RPD	Limi	t %Rec	Batch	
achlorobutadiene propylbenzene	mg/kg mg/kg	0.0446	0.0445 0.0458 0.0438	0.207 1.24 0.371	16	89 91 88	WG297695 WG297695 WG297695	
hyl tert-butyl ether hylene Chloride utylbenzene	mg/kg mg/kg mg/kg	0.0440 0.0443 0.0405	0.0443 0.0412	0.05° 1.78 2.18		89 81 86	WG297695 WG297695 WG297695	
ropylbenzene hthalene sopropyltoluene	mg/kg mg/kg mg/kg	0.0429 0.0546 0.0450	0.0439 0.0522 0.0465	4.54 3.36	21 16	109 90 88	WG297695 WG297695 WG297695	
-Butylbenzene rene t-Butylbenzene	mg/kg mg/kg mg/kg	0.0438 0.0474 0.0461	0.0454 0.0477 0.0469	3.51 0.722 1.79	16	95 92	WG297695 WG297695 WG297695	and the grant
rachloroethene uene ns-1,2-Dichloroethene	mg/kg mg/kg mg/kg	0.0442 0.0433 0.0410	0.0448 0.0435 0.0418	1.39 0.539 2.02	17	88 87 82	WG297695 WG297695	
ns-1,2-Dichloropropene chloroethene chlorofluoromethane	mg/kg mg/kg mg/kg	0.0408	0.0424 0.0442 0.0416	1.37 2.04 2.17	17 14 15	84 90 82	WG297695 WG297695 WG297695 WG297695	e, s
yl chloride enes, Total	mg/kg mg/kg	0.0435 0.136	0.0449 0.138	3.05 1.18	14 14	87 91	WG297695	<u>,,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>
lyte	Units	Matri MS Res	x Spike Ref Res	TV	% Rec	Limit	Ref Samp	Batch
ium  mium  omium	mg/kg mg/kg mg/kg	46.4 53.2	72.0 1.20 7.70	50 50 50 50	91.0	75-125 75-125 75-125 75-125	L291081-02 L291081-02 L291081-02 L291081-02	WG297671 WG297671
enium	mg/kg mg/kg	43.6 45.6	0.00	50	91.2	75-125	L291081-02 L291023-01	WG297671
I-C22 Hydrocarbons I-C32 Hydrocarbons	mg/kg mg/kg	22.3 23.5	0.00	30 30	78.3	47-144 47-144	L291023-01	WG297690
.,1,2-Tetrachloroethane .,1-Trichloroethane	mg/kg mg/kg	0.0388 0.0356 0.0381	0.00 0.00 0.00	.05 .05 .05	71.3 76.2	56-123 53-139 37-133	L291098-14 L291098-14 L291098-14	WG297695 WG297695
.,2,2-Tetrachloroethane .,2-Trichloroethane .,2-Trichloro-1,2,2-trifluoroethane	mg/kg mg/kg mg/kg mg/kg	0.0413 0.0341 0.0383	0.00 0.00 0.00	.05 .05 .05	82.6 68.3 76.5	61-113 56-115 64-127	L291098-14 L291098-14 L291098-14	WG297695 WG297695
Dichloroethane Dichloroethene Dichloropropene	mg/kg mg/kg mg/kg	0.0359 0.0319 0.0372	0.00 0.00 0.00	.05 .05 .05	63.9 74.4	64-126 55-108 30-113	L291098-14 L291098-14 L291098-14	WG297695 WG297695
<pre>?,3-Trichlorobenzene ?,3-Trichloropropane ?,3-Trimethylbenzene ?,4-Trichlorobenzene</pre>	mg/kg mg/kg mg/kg	0.0417 0.0322 0.0314	0.00 0.00 0.00	.05 .05	64.4 62.8	47-138 42-96 30-104	L291098-14 L291098-14 L291098-14 L291098-14	WG297695 WG297695
2,4-Trimethylbenzene 2-Dibromo-3-Chloropropane 2-Dibromoethane	mg/kg mg/kg mg/kg	0.0322 0.0407 0.0397	0.00 0.00 0.00	.05 .05 .05	81.3 79.4	38-108 39-135 57-120 36-110	L291098-14 L291098-14 L291098-14	WG297695 WG297695
<pre>?-Dichlorobenzene ?-Dichloroethane ?-Dichloropropane</pre>	mg/kg mg/kg mg/kg	0.0374 0.0343 0.0395	0.00 0.00 0.0003 0.00	.05 .05 .05 .05	68.5 78.4	46-147 63-124 39-106	L291098-14 L291098-14 L291098-14	WG297695 WG297695
<pre>},5-Trimethylbenzene }-Dichlorobenzene }-Dichloropropane</pre>	mg/kg mg/kg mg/kg	0.0329 0.0344 0.0384 0.0346	0.00	.05 .05 .05	68.8 76.7	31-109 65-116 32-102	L291098-14 L291098-14 L291098-14	WG297695 WG297695 WG297695
1-Dichlorobenzene 2-Dichloropropane 3utanone (MEK)	mg/kg mg/kg mg/kg mq/kg	0.0346 0.0285 0.310 0.0637	0.00 0.105 0.00	.05	56.9 81.9 25.5	49-138 43-137 40-138	L291098-14 L291098-14 L291098-14	WG297695 WG297695 WG297695
Thloroethyl vinyl ether Thlorotoluene Thlorotoluene	mg/kg mg/kg	0.0325	0.00	.05 .05	65.0 €0.€	45-111 38-106	L291098-14 L291098-14	WG297695 WG297695



Tax I.D. 62-0814289

Est. 1970

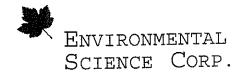
tern Technologies id Regonini 7 East Broadway Rd.

enix, AZ 85040

Quality Assurance Report Level II

L291081

thyl-2-pentanone (MIBK)	mg/kg	0.229	0.0111	.25	87.3	47-133	L291098-14	WG297695
	** *1		ix Spike Ref Res	TV	% Rec	Limit	Ref Samp	Batch
yte	Units	MS Res	Rei Res	T A	* KEC	Tritte	KCI OWNP	
one	mg/kg	0.255	0.0707	.25		33-148	L291098-14	
lonitrile	mg/kg	0.192	0.00	.25		40-126	L291098-14	
ene	mg/kg	0.0363	0.00	.05		54-119	L291098-14	WG297695
obenzene	mg/kg	0.0351	0.00	.05	70.3	45-116	L291098-14	WG297695
odichloromethane	mg/kg	0.0370	0.00	.05	73.9	51-125	L291098-14 L291098-14	WG297695
oform	mg/kg	0.0438	0.0003		8/.1	44-135		
omethane	mg/kg	0.0544	0.00	.05	109.	30-113	L291098-14 L291098-14	
on tetrachloride	mg/kg	0.0340	0.00	.05		47-133	L291098-14	
robenzene	mg/kg	0.0359	0.00	. 05	/1 J	53-110	L291098-14	WG297695
rodibromomethane	mg/kg	0.0392		.05	/5.4	42-149	L291098-14	WG297695
roethane	mg/kg	0.0409	0.00	.05	8T · /	61-127	L291098-14	
roform	mg/kg mg/kg	0.0402	0.00	.05	7/ 5	35-140	L291098-14	
romethane	mg/kg	0.0373		.05		67-120	L291098-14	
1.2-Dichloroethene	11197729	0.0383	0.00	.05 .05		53-113	L291098-14	
1,3-Dichloropropene	mg/kg	0.0356	0.00	.05		62-119	L291098-14	
sopropyl ether	mg/kg	0.0372	0.00	.05	75 4	57-126	L291098-14	WG297695
omomethane	mg/kg	0.0377 0.0321	0.00	.05		34-140	L291098-14	
lorodifluoromethane	mg/kg	0.0358	0.00	.05	71.6	47-111	L291098-14	
lbenzene	mg/kg mg/kg	0.0295	0.00	.05		30-91	L291098-14	WG297695
chlorobutadiene	mg/kg	0.0355	0.00	.05		49-110	L291098-14	WG297695
ropylbenzene	mg/kg	0.0453	0.0057		79.2	63-131	L291098-14	
yl tert-butyl ether	mg/kg	0.0398	0.00	.05		54-123	L291098-14	WG297695
ylene Chloride	mg/kg	0.0283	0.00	.05	56.6	36-94	L291098-14	
tylbenzene	mg/kg	0.0323	0.00	.05	64.7	43-101	L291098-14	
opylbenzene	mg/kg	0.0408	0.00	.05		33-125	L291098-14	
thalene opropyltoluene	mg/kg	0.0339	0.00	.05		34-105	L291098-14	
Butylbenzene	mg/kg	0.0345	0.00	.05	69.0	37-105	L291098-14	
	mg/kg	0.0371	0.00	.05		43-107	L291098-14	
ene -Butylbenzene	mg/kg	0.0371	0.00	.05	74.3	45-112	L291098-14	WG297695
achloroethene	mg/kg	0.0306	0.00	.05	61.2	40-114	L291098-14	
iene	mg/kg	0.0359	0.00	.05	71.8	54-109	L291098-14	
is-1,2-Dichloroethene	mg/kg	0.0342	0.00	.05	68.5	58-118	L291098-14	
is-1,3-Dichloropropene	mg/kg	0.0340	0.0004		67.2	41-107	L291098-14	
hloroethene	mg/kg	0.0352	0.00	.05	70.4	56-119	L291098-14	
hlorofluoromethane	mg/kg	0.0344	0.00	.05		39-126	L291098-14 L291098-14	
'l chloride	mg/kg	0.0389	0.00	.05		39-127	L291098-14 L291098-14	
enes, Total	mg/kg	0.106	0.00	.15	70.4	51-107	T731030-14	WG297093
ury	mg/kg	0.254	0.00	.25	102.	70-130	L290880-07	WG297743
- C. L. J								
	M	latrix Sp	ike Duplio	are RPD	T. i m	it %Rec	Ref Samp	Batch
.yte	Units	MSD Res	Rer Res	RPD		10 81000		200011
	ma /lea	52.4	45.0	15.2	20	105.	L291081-0	2 WG297671
enic	mg/kg mg/kg	32.4	120.	5.67	20	110.	L291081-0	
.um	mg/kg	127.	41.1	4.29	20	83.4	L291081-0	
nium	mg/kg mg/kg	51.0	49.2	3.59	20	86.6		2 WG297671
mium	mg/kg	65.9	58.2	12.4	20	112.	L291081-0	2 WG297671
1	mg/kg	43.3	42.2	2.57	20	86.6	L291081-0	2 WG297671
enium	mg/kg	45.1	44.0	2.47	20	90.2	L291081-0	2 WG297671
rer	119/12	40.1		-				
and III when reminers	mg/kg	25.7	22.3	14.1	13	85.6		1 WG297690
C22 Hydrocarbons	mg/kg	25.4	23.5	7.87	13	84.7	L291023-0	1 WG297690
C32 Hydrocarbons	119/129							
	mg/kg	0.0389	0.0388	0.223	3 18	77.8	L291098-1	4 WG297695
1,2-Tetrachloroethane	mg/kg	0.0370	0.0356	3.82	17	74.1	L291098-1	
1-Trichloroethane 2,2-Tetrachloroethane	mg/kg	0.0413	0.0381	8.00	14	82.5	L291098-1	
2,2-Tetrachioroethane	mg/kg	0.0432	0.0413	4.5€	19	86.4	L291098-1	4 WG297695
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Tax I.D. 62-0814289

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}7 East Broadway Rd.

penix, AZ 85040

Quality Assurance Report Level II

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Dichlorocthene				=					
Matrix Spike Duplicate   Dimits   National	a maishlere 3 2 2-trifluoroethane	ma/ka	0.0345	0.0341	1.11	20	69.0	L291098-14	WG297695
Dichloroethane	, 2-Trichiord-1, 2, 2-tritidord-								
Dichloroethane		Mā	atrix Spi	ce Dublic	ate	7 2 m 2 +	&Boo	Dof Samo	Batch
Dichloroethane	vte	Units N	1SD Res I	Ref Res	RPD	LI LIII L	SREC .	Ker Samp	<u> </u>
Dichloroethame			0 0101	0 0202	A 76	16	80 2	T-291098-14	WG297699
Dichlorostheme	-Dichloroethane							L291098-14	WG29769
Dichloropropene	-Dichloroethene							L291098-14	WG297699
3Trichloropeopane	-Dichloropropene							L291098-14	WG297695
3Trichloropropane	,3-Trichlorobenzene	mg/kg						L291098-14	WG297695
3Trimethylbenzene	.3-Trichloropropane							L291098-14	WG29769
4.4-Trichlorobenzene	,3-Trimethylbenzene							L291098-14	WG29769
4Trimethylbenzene Dibromoethane  mg/kg 0.0427 0.0397 2.48 16 81.4 L291098-14 WG29765 Dibromoethane mg/kg 0.0407 0.0397 3.34 19 77.3 L291098-14 WG29765 Dibromoethane mg/kg 0.0386 0.0374 3.34 19 77.3 L291098-14 WG29765 Dibrimoethane mg/kg 0.0386 0.0343 2.11 14 70.0 L291098-14 WG29765 Dibrimoethane mg/kg 0.0380 0.0343 2.11 14 70.0 L291098-14 WG29765 Dibrimoethane mg/kg 0.0383 0.0329 1.12 18 66.6 L291098-14 WG29765 Dibrimoethane mg/kg 0.0383 0.0329 1.12 18 19 66.6 L291098-14 WG29765 Dibrimorpropane mg/kg 0.0330 0.3344 0.346 16 76.5 L291098-14 WG29765 Dibrimorpropane mg/kg 0.0330 0.3384 0.348 16 76.5 L291098-14 WG29765 Dibrimorpropane mg/kg 0.0330 0.3384 0.348 16 76.5 L291098-14 WG29765 Dibrimorpropane mg/kg 0.0350 0.3383 0.3384 0.348 16 76.5 L291098-14 WG29765 Dibrimorpropane mg/kg 0.0350 0.3385 0.338 18 54.6 L291098-14 WG29765 Dibrimorpropane mg/kg 0.0350 0.3855 0.310 13.6 21 100. L291098-14 WG29765 Dibrimorpropane mg/kg 0.0350 0.3030 0.872 19 61.1 100. L291098-14 WG29765 Dibrimorpropane mg/kg 0.0319 0.0325 1.74 20 63.9 L291098-14 WG29765 Dibrimorpropane mg/kg 0.0319 0.0325 1.74 20 63.9 L291098-14 WG29765 Dibrimorpropane mg/kg 0.0319 0.0325 1.74 20 63.9 L291098-14 WG29765 Dibrimorpropane mg/kg 0.0319 0.0325 1.74 20 63.9 L291098-14 WG29765 Dibrimorpropane mg/kg 0.0306 0.0303 0.872 19 61.1 L291098-14 WG29765 Dibrimorpropane mg/kg 0.0307 0.3030 0.872 19 61.1 L291098-14 WG29765 Dibrimorpropane mg/kg 0.0307 0.3030 0.872 19 61.1 L291098-14 WG29765 Dibrimorpropane mg/kg 0.0319 0.0325 1.74 20 63.9 L291098-14 WG29765 Dibrimorpropane mg/kg 0.0319 0.0325 1.74 20 63.9 L291098-14 WG29765 Dibrimorpropane mg/kg 0.0329 0.355 15.4 23 90.1 L291098-14 WG29765 Dibrimorpropane mg/kg 0.0329 0.355 15.4 23 90.1 L291098-14 WG29765 Dibrimorpropane mg/kg 0.0329 0.355 15.4 23 90.1 L291098-14 WG29765 Dibrimorpropane mg/kg 0.0329 0.355 15.4 23 90.1 L291098-14 WG29765 Dibrimorpropane mg/kg 0.0329 0.355 15.4 23 90.1 L291098-14 WG29765 Dibrimorpropane mg/kg 0.0329 0.355 10.0388 1.6 2 2 2 69.5 L291098-14 WG29765 Dibrimorpropane mg/kg 0.0329 0.35	,4-Trichlorobenzene	mg/kg						L291098-14	WG29769
Dibromo-3-Chloropropane	,4-Trimethylbenzene						91.3	L291098-14	WG29769
Dibromoethane	-Dibromo-3-Chloropropane	mg/kg					81.4	L291098-14	WG29769
Dichlorobenzene	D 3. 22 T 0 11.17 T 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	mg/kg						L291098-14	WG29769
-Dichloropropense   mg/kg   0.0422   0.0395   6.68   16   83.8   L291098-14   WG22765	-Dichlorobenzene						70.0	L291098-14	WG29769
Dichloropropane	-Dichloroethane					16	83.8	L291098-14	WG29769
S-Tramethyl-penizene	-Dichloropropane	mg/kg				19	66.6	L291098-14	WG29769
Dichloropenzene	,5-TrimethyLbenzene	11.97.159				18	68.6	L291098-14	WG29769
Dichloropename		ma/ka			2.42	16	78.6		
Dichloropropane					1.18	18	70.1	L291098-14	WG29769
Dictal Coropropage   mg/kg   0.355   0.310   13.6   21   100.	<del> </del>	ma/ka			4.13	18	54.6	L291098-14	WG29769
Indicator   Indi	-Dichloropropane	mg/kg			13.6	21	100	L291098-14	WG29769
Indicator   Indi	utanone (MEK)	ma/ka		0.0637	49.3	13		L291098-14	WG29769
Indicator   Indi	hloroethyl vinyl echer	mg/kg		0.0325	1.74	20			
May   12   May   12	plococolnene			0.0303	0.872	19			
May   12   May   12	hlorotoluene (MTRK)			0.229	12.8				
Scheme	echyraz peneanone (mana)			0.255	15.4			L291098-14	WG29769
mg/kg   0.0374   0.0363   0.0375   0.0363   0.0375   0.0363   0.0375   0.0363   0.0375   0.	tone	ma/ka		0.192				1291098-14	WG29769
mobenzene mg/kg 0.0354 0.0351 0.775 19 70.8 1291098-14 WG29765 modichloromethane mg/kg 0.0377 0.0370 2.06 15 75.5 1291098-14 WG29765 mg/kg 0.0523 0.0544 4.09 30 105. 1291098-14 WG29765 momethane mg/kg 0.0523 0.0544 4.09 30 105. 1291098-14 WG29765 momethane mg/kg 0.0348 0.0340 2.25 22 69.5 1291098-14 WG29765 mg/kg 0.0348 0.0340 2.25 22 69.5 1291098-14 WG29765 mg/kg 0.0348 0.0340 2.25 22 69.5 1291098-14 WG29765 mg/kg 0.0348 0.0359 1.62 22 70.7 1291098-14 WG29765 mg/kg 0.0390 0.0392 0.353 17 78.1 1291098-14 WG29765 mg/kg 0.0390 0.0392 0.353 17 78.1 1291098-14 WG29765 mg/kg 0.0429 0.0409 4.96 28 85.9 1291098-14 WG29765 mg/kg 0.0346 0.0429 0.0409 4.96 28 85.9 1291098-14 WG29765 mg/kg 0.0395 0.0373 5.84 19 79.0 1291098-14 WG29765 mg/kg 0.0395 0.0373 5.84 19 79.0 1291098-14 WG29765 mg/kg 0.0395 0.0373 3.27 12 79.2 1291098-14 WG29765 mg/kg 0.0395 0.0373 3.27 12 79.2 1291098-14 WG29765 mg/kg 0.0395 0.0373 3.27 12 79.2 1291098-14 WG29765 mg/kg 0.0395 0.0377 4.65 16 71.0 1291098-14 WG29765 mg/kg 0.0395 0.0377 4.65 16 79.0 1291098-14 WG29765 mg/kg 0.0395 0.0377 4.65 16 79.0 1291098-14 WG29765 mg/kg 0.0395 0.0377 4.65 16 79.0 1291098-14 WG29765 mg/kg 0.0395 0.0377 4.65 16 79.0 1291098-14 WG29765 mg/kg 0.0395 0.0377 4.65 16 79.0 1291098-14 WG29765 mg/kg 0.0395 0.0377 4.65 16 79.0 1291098-14 WG29765 mg/kg 0.0395 0.0377 4.65 16 79.0 1291098-14 WG29765 mg/kg 0.0395 0.0377 4.65 16 79.0 1291098-14 WG29765 mg/kg 0.0395 0.0377 4.65 16 79.0 1291098-14 WG29765 mg/kg 0.0347 0.0355 2.00 69.4 1291098-14 WG29765 mg/kg 0.0347 0.0355 2.00 69.4 1291098-14 WG29765 mg/kg 0.0347 0.0355 2.00 69.4 1291098-14 WG29765 mg/kg 0.0347 0.0355 2.00 69.4 1291098-14 WG29765 mg/kg 0.0347 0.0355 2.00 69.4 1291098-14 WG29765 mg/kg 0.0347 0.0355 2.00 69.4 1291098-14 WG29765 mg/kg 0.0347 0.0355 2.00 69.4 1291098-14 WG29765 mg/kg 0.0347 0.0355 2.00 69.4 1291098-14 WG29765 mg/kg 0.0347 0.0358 1.08 1291098-14 WG29765 mg/kg 0.0347 0.0358 1.08 1291098-14 WG29765 mg/kg 0.0368 0.0371 1.02 21 73.5 1291098-14 WG29765 mg/kg 0.0368 0.0371 1.02 21 73.5 1291098-14 WG29765	Atoutcitte	ma/ka	0.0373						
			0.0354					T73T030-T4	WG23763
moform momethane         mg/kg         0.0523         0.0544         4.09         30         105.         L291098-14 WG29765           bon tetrachloride         mg/kg         0.0348         0.0340         2.25         22         69.5         L291098-14 WG29765           orobenzene         mg/kg         0.0354         0.0359         1.62         22         70.7         L291098-14 WG29765           orobenzene         mg/kg         0.0390         0.0352         0.353         17         78.1         L291098-14 WG29765           oroethane         mg/kg         0.0429         0.0409         4.96         28         85.9         L291098-14 WG29765           oroethane         mg/kg         0.0416         0.0402         3.41         14         83.2         L291098-14 WG29765           oroethane         mg/kg         0.0355         0.0333         3.27         12         79.0         L291098-14 WG29765           oroethane         mg/kg         0.0355         0.0363         3.27         12         79.0         L291098-14 WG29765           oroethane         mg/kg         0.0355         0.0363         3.27         12         79.0         L291098-14 WG29765           oroethane         mg/kg         0.		mg/kg	0.0377	_				1291096-14	WG29769
		mg/kg							
bon tetrachloride orobenzene orodibromomethane orodibromomethane orodibromomethane orodibromomethane orodibromomethane orodibromomethane orodibromomethane orodibromomethane orodibromomethane orodibromomethane orodibromomethane orodibromomethane orodibromomethane orodibromomethane orodibromomethane orodibromomethane oromomethane		mg/kg						1.201.098-14	WG29769
oroberzene orodibromomethane orodibromomethane orodibromomethane orodibromomethane orodibromomethane orodibromomethane oromethane or								7.201008-14	WG29769
orodibromomethane oroethane oroethane oroethane oromethane orolomethane	—								
oroethane oroform mg/kg 0.0416 0.0402 3.41 14 83.2 L291098-14 WG29765 oromethane mg/kg 0.0395 0.0373 5.84 19 79.0 L291098-14 WG29765 oromethane mg/kg 0.0396 0.0383 3.27 12 79.2 L291098-14 WG29765 isopropyl ether mg/kg 0.0355 0.0356 0.266 16 71.0 L291098-14 WG29765 isopropyl ether mg/kg 0.0382 0.0372 2.81 20 76.5 L291098-14 WG29765 isopropyl ether mg/kg 0.0395 0.0377 4.65 16 79.0 L291098-14 WG29765 isopropyl ether mg/kg 0.0395 0.0377 4.65 16 79.0 L291098-14 WG29765 isopropyl ether mg/kg 0.0395 0.0377 4.65 16 79.0 L291098-14 WG29765 isopropyl ether mg/kg 0.0326 0.0321 1.62 22 65.3 L291098-14 WG29765 ylbenzene mg/kg 0.0362 0.0358 1.08 20 72.4 L291098-14 WG29765 ylbenzene mg/kg 0.0362 0.0358 1.08 20 72.4 L291098-14 WG29765 ylbenzene mg/kg 0.0347 0.0355 2.20 20 69.4 L291098-14 WG29765 hyl tert-butyl ether mg/kg 0.0471 0.0453 3.85 13 82.7 L291098-14 WG29765 hyl tert-butyl ether mg/kg 0.0404 0.0398 1.66 16 80.8 L291098-14 WG29765 hylbenzene mg/kg 0.0289 0.0283 1.94 22 57.7 L291098-14 WG29765 mg/kg 0.0340 0.0320 0.0323 1.99 19 64.0 L291098-14 WG29765 mg/kg 0.0347 0.0350 0.0323 1.99 19 64.0 L291098-14 WG29765 sopropylbenzene mg/kg 0.0320 0.0323 1.99 19 64.0 L291098-14 WG29765 mg/kg 0.0347 0.0350 0.0323 1.09 19 64.0 L291098-14 WG29765 mg/kg 0.0347 0.0350 0.0371 2.32 23 72.6 L291098-14 WG29765 mg/kg 0.0366 0.0371 2.32 23 72.6 L291098-14 WG29765 mg/kg 0.0366 0.0371 2.32 23 72.6 L291098-14 WG29765 mg/kg 0.0366 0.0371 1.02 21 73.5 L291098-14 WG29765 mg/kg 0.0366 0.0371 1.02 21 73.5 L291098-14 WG29765 mg/kg 0.0366 0.0359 1.81 19 73.1 L291098-14 WG29765 mg/kg 0.0366 0.0359 1.81 19 73.1 L291098-14 WG29765 mg/kg 0.0367 0.0360 0.345 2.1 61.4 L291098-14 WG29765 mg/kg 0.0367 0.0360 0.345 2.1 61.4 L291098-14 WG29765 mg/kg 0.0367 0.0360 0.345 2.1 61.4 L291098-14 WG29765 mg/kg 0.0367 0.0360 0.345 2.1 61.4 L291098-14 WG29765 mg/kg 0.0367 0.0360 0.345 2.1 61.4 L291098-14 WG29765 mg/kg 0.0367 0.0360 0.345 2.1 61.4 L291098-14 WG29765 mg/kg 0.0367 0.0360 0.345 2.1 61.4 L291098-14 WG29765 mg/kg 0.0367 0.0360 0.345 2.1 61.4 L291098-14 WG2976								1.291098-14	WG29769
oroform								1291098-14	WG29769
oromethane mg/kg 0.0396 0.0383 3.27 12 79.2 L291098-14 WG29765 -1,2-Dichloropthene mg/kg 0.0355 0.0356 0.266 16 71.0 L291098-14 WG29765 isopropyl ether mg/kg 0.0382 0.0372 2.81 20 76.5 L291098-14 WG29765 isopropyl ether mg/kg 0.0395 0.0377 4.65 16 79.0 L291098-14 WG29765 mg/kg 0.0395 0.0377 4.65 16 79.0 L291098-14 WG29765 mg/kg 0.0395 0.0377 4.65 16 79.0 L291098-14 WG29765 mg/kg 0.0362 0.0358 1.08 20 72.4 L291098-14 WG29765 mg/kg 0.0362 0.0358 1.08 20 72.4 L291098-14 WG29765 mg/kg 0.0362 0.0358 1.08 20 72.4 L291098-14 WG29765 mg/kg 0.0347 0.0355 2.20 20 69.4 L291098-14 WG29765 mg/kg 0.0347 0.0355 2.20 20 69.4 L291098-14 WG29765 mg/kg 0.0347 0.0355 2.20 20 69.4 L291098-14 WG29765 mg/kg 0.0471 0.0453 3.85 13 82.7 L291098-14 WG29765 mg/kg 0.0471 0.0453 3.85 13 82.7 L291098-14 WG29765 mg/kg 0.0404 0.0398 1.66 16 80.8 L291098-14 WG29765 mg/kg 0.0289 0.0283 1.94 22 57.7 L291098-14 WG29765 mg/kg 0.0289 0.0283 1.94 22 57.7 L291098-14 WG29765 mg/kg 0.0320 0.0323 1.09 19 64.0 L291098-14 WG29765 mg/kg 0.0320 0.0323 1.09 19 64.0 L291098-14 WG29765 mg/kg 0.0337 0.0339 0.540 21 67.3 L291098-14 WG29765 mg/kg 0.0337 0.0339 0.540 21 67.3 L291098-14 WG29765 mg/kg 0.0337 0.0339 0.540 21 67.3 L291098-14 WG29765 mg/kg 0.0366 0.0371 2.32 23 72.6 L291098-14 WG29765 mg/kg 0.0366 0.0371 2.32 23 72.6 L291098-14 WG29765 mg/kg 0.0366 0.0371 2.32 23 72.6 L291098-14 WG29765 mg/kg 0.0366 0.0371 1.02 21 73.5 L291098-14 WG29765 mg/kg 0.0366 0.0371 1.02 21 73.5 L291098-14 WG29765 mg/kg 0.0366 0.0371 1.02 21 73.5 L291098-14 WG29765 mg/kg 0.0366 0.0371 1.02 21 73.5 L291098-14 WG29765 mg/kg 0.0366 0.0371 1.02 21 73.5 L291098-14 WG29765 mg/kg 0.0366 0.0359 1.81 19 73.1 L291098-14 WG29765 mg/kg 0.0366 0.0359 1.81 19 73.1 L291098-14 WG29765 mg/kg 0.0366 0.0359 1.81 19 73.1 L291098-14 WG29765 mg/kg 0.0366 0.0359 1.81 19 73.1 L291098-14 WG29765 mg/kg 0.0366 0.0359 1.81 19 73.1 L291098-14 WG29765 mg/kg 0.0366 0.0359 1.81 19 73.1 L291098-14 WG29765 mg/kg 0.0366 0.0359 1.81 19 73.1 L291098-14 WG29765 mg/kg 0.0366 0.0359 1.81 19 73.1 L291098-14 WG29765 mg/	<del> </del>								
-1,2-Dichloroethene	oromethane							L291098-14	WG29769
-1,3-Dichloropropene	-1,2-Dichloroethene							L291098-14	WG29769
isopropy  ether								L291098-14	WG29769
romomethane   mg/kg	isopropyl ether							L291098-14	WG29769
hlorodifluoromethane ylbenzene achlorobutadiene propylbenzene mg/kg 0.0362 0.0358 1.08 20 72.4 L291098-14 WG29769 1.52 22 58.1 L291098-14 WG29769 1.52 22 58.1 L291098-14 WG29769 1.52 22 58.1 L291098-14 WG29769 1.52 22 58.1 L291098-14 WG29769 1.52 22 58.1 L291098-14 WG29769 1.52 1.52 1.52 1.52 1.52 1.52 1.52 1.52	romomethane								
ylbenzene achlorobutadiene mg/kg occupylbenzene mg/	hlorodifluoromethane							L291098-14	WG29769
achlorobutadiene propylbenzene hyl tert-butyl ether hylene Chloride utylbenzene ropylbenzene mg/kg 0.0471 0.0453 3.85 13 82.7 L291098-14 WG29765 MG29765 WG29765	ylbenzene							L291098-14	WG29769
propylbenzene	achlorobutadiene						69.4	L291098-14	WG29769
hyl tert-butyl ether mg/kg 0.0404 0.0398 1.66 16 80.8 L291098-14 WG29765 mg/kg 0.0289 0.0283 1.94 22 57.7 L291098-14 WG29765 mg/kg 0.0320 0.0323 1.09 19 64.0 L291098-14 WG29765 mg/kg 0.0320 0.0323 1.09 19 64.0 L291098-14 WG29765 mg/kg 0.0472 0.0408 14.5 22 94.5 L291098-14 WG29765 mg/kg 0.0337 0.0339 0.540 21 67.3 L291098-14 WG29765 mg/kg 0.0342 0.0345 0.987 21 68.4 L291098-14 WG29765 mg/kg 0.0342 0.0345 0.987 21 68.4 L291098-14 WG29765 mg/kg 0.0363 0.0371 2.32 23 72.6 L291098-14 WG29765 mg/kg 0.0366 0.0371 1.02 21 73.5 L291098-14 WG29765 mg/kg 0.0366 0.0371 1.02 21 73.5 L291098-14 WG29765 mg/kg 0.0366 0.0359 1.81 19 73.1 L291098-14 WG29765 mg/kg 0.0354 0.0342 3.43 20 70.9 L291098-14 WG29765 mg/kg 0.0353 0.0340 3.77 16 69.8 L291098-14 WG29765 mg/kg 0.0353 0.0340 3.77 16 69.8 L291098-14 WG29765 mg/kg 0.0357 0.0352 4.10 18 73.3 L291098-14 WG29765 mg/kg 0.0367 0.0352 4.10 18 73.3 L291098-14 WG29765 mg/kg 0.0367 0.0352 4.10 18 73.3 L291098-14 WG29765 mg/kg 0.0367 0.0352 4.10 18 73.3 L291098-14 WG29765 mg/kg 0.0367 0.0352 4.10 18 73.3 L291098-14 WG29765 mg/kg 0.0367 0.0352 4.10 18 73.3 L291098-14 WG29765 mg/kg 0.0367 0.0352 4.10 18 73.3 L291098-14 WG29765 mg/kg 0.0367 0.0352 4.10 18 73.3 L291098-14 WG29765 mg/kg 0.0367 0.0352 4.10 18 73.3 L291098-14 WG29765 mg/kg 0.0367 0.0352 4.10 18 73.3 L291098-14 WG29765 mg/kg 0.0367 0.0352 4.10 18 73.3 L291098-14 WG29765 mg/kg 0.0367 0.0352 4.10 18 73.3 L291098-14 WG29765 mg/kg 0.0367 0.0352 4.10 18 73.3 L291098-14 WG29765 mg/kg 0.0367 0.0352 4.10 18 73.3 L291098-14 WG29765 mg/kg 0.0367 0.0367 0.0352 4.10 18 73.3 L291098-14 WG29765 mg/kg 0.0367 0.0352 4.10 18 73.3 L291098-14 WG29765 mg/kg 0.0367 0.036	propylbenzene	mg/kg						L291098-14	WG29769
hylene Chloride	hvl tert-butyl ether	ma / kg					80.8	L291098-14	WG29769
utylbenzene     mg/kg     0.0320     0.0323     1.09     19     64.0     L291098-14     WG29769       hthalene     mg/kg     0.0472     0.0408     14.5     22     94.5     L291098-14     WG29769       sopropyltoluene     mg/kg     0.0337     0.0339     0.540     21     67.3     L291098-14     WG29769       -Butylbenzene     mg/kg     0.0342     0.0345     0.987     21     68.4     L291098-14     WG29769       rene     mg/kg     0.0363     0.0371     2.32     23     72.6     L291098-14     WG29769       t-Butylbenzene     mg/kg     0.0368     0.0371     1.02     21     61.4     L291098-14     WG29769       rachloroethene     mg/kg     0.0366     0.0371     1.02     21     61.4     L291098-14     WG29769       uene     mg/kg     0.0366     0.0359     1.81     19     73.1     L291098-14     WG29769       ns-1,2-Dichloroethene     mg/kg     0.0354     0.0342     3.43     20     70.9     L291098-14     WG29769       ns-1,3-Dichloropropene     mg/kg     0.0353     0.0340     3.77     16     69.8     L291098-14     WG29769       chloroethene     mg/kg     0.0367		mg/kg						L291098-14	WG29769
ropylbenzene	utylbenzene	mg/kg						L291098-14	WG29769
hthalene sopropyltoluene mg/kg 0.0337 0.0339 0.540 21 67.3 L291098-14 WG29769 mg/kg 0.0342 0.0345 0.987 21 68.4 L291098-14 WG29769 mg/kg 0.0363 0.0371 2.32 23 72.6 L291098-14 WG29769 mg/kg 0.0368 0.0371 1.02 21 73.5 L291098-14 WG29769 mg/kg 0.0368 0.0371 1.02 21 73.5 L291098-14 WG29769 mg/kg 0.0366 0.0359 1.81 19 73.1 L291098-14 WG29769 mg/kg 0.0366 0.0359 1.81 19 73.1 L291098-14 WG29769 mg/kg 0.0354 0.0342 3.43 20 70.9 L291098-14 WG29769 mg/kg 0.0353 0.0340 3.77 16 69.8 L291098-14 WG29769 mg/kg 0.0353 0.0340 3.77 16 69.8 L291098-14 WG29769 mg/kg 0.0367 0.0352 4.10 18 73.3 L291098-14 WG29769 mg/kg 0.0367 0.0352 4.10 18 73.3 L291098-14 WG29769 mg/kg 0.0367 0.0352 4.10 18 73.3 L291098-14 WG29769 mg/kg 0.0367 0.0352 4.10 18 73.3 L291098-14 WG29769 mg/kg 0.0367 0.0352 4.10 18 73.3 L291098-14 WG29769 mg/kg 0.0367 0.0352 4.10 18 73.3 L291098-14 WG29769 mg/kg 0.0367 0.0352 4.10 18 73.3 L291098-14 WG29769 mg/kg 0.0367 0.0352 4.10 18 73.3 L291098-14 WG29769 mg/kg 0.0367 0.0352 4.10 18 73.3 L291098-14 WG29769 mg/kg 0.0367 0.0352 4.10 18 73.3 L291098-14 WG29769 mg/kg 0.0367 0.0352 4.10 18 73.3 L291098-14 WG29769 mg/kg 0.0367 0.0352 4.10 18 73.3 L291098-14 WG29769 mg/kg 0.0367 0.0352 4.10 18 73.3 L291098-14 WG29769 mg/kg 0.0367 0.0352 4.10 18 73.3 L291098-14 WG29769 mg/kg 0.0367 0.0352 4.10 18 73.3 L291098-14 WG29769 mg/kg 0.0367 0.0352 4.10 18 73.3 L291098-14 WG29769 mg/kg 0.0367 0.0367 0.0368 0.0367 0.0368 0.0367 0.0368 0.0369 0.0	ropylbenzene							L291098-14	WG29769
sopropyltoluene     mg/kg     0.0342     0.0345     0.987     21     68.4     L291098-14     WG29769       rene     mg/kg     0.0363     0.0371     2.32     23     72.6     L291098-14     WG29769       t-Butylbenzene     mg/kg     0.0368     0.0371     1.02     21     73.5     L291098-14     WG29769       rachloroethene     mg/kg     0.0307     0.0306     0.345     21     61.4     L291098-14     WG29769       uene     mg/kg     0.0366     0.0359     1.81     19     73.1     L291098-14     WG29769       ns-1,2-Dichloroethene     mg/kg     0.0354     0.0342     3.43     20     70.9     L291098-14     WG29769       ns-1,3-Dichloropropene     mg/kg     0.0353     0.0340     3.77     16     69.8     L291098-14     WG29769       chloroethene     mg/kg     0.0367     0.0352     4.10     18     73.3     L291098-14     WG29769	hthalene	mg/kg					67.3	L291098-14	WG29769
-Butylbenzene mg/kg 0.0363 0.0371 2.32 23 72.6 L291098-14 WG29769 mg/kg 0.0368 0.0371 1.02 21 73.5 L291098-14 WG29769 mg/kg 0.0368 0.0371 1.02 21 73.5 L291098-14 WG29769 mg/kg 0.0307 0.0306 0.345 21 61.4 L291098-14 WG29769 mg/kg 0.0366 0.0359 1.81 19 73.1 L291098-14 WG29769 mg/kg 0.0354 0.0342 3.43 20 70.9 L291098-14 WG29769 mg/kg 0.0353 0.0340 3.77 16 69.8 L291098-14 WG29769 mg/kg 0.0367 0.0352 4.10 18 73.3 L291098-14 WG29769 mg/kg 0.0367 0.0367 0.0352 4.10 18 73.3 L291098-14 WG29769 mg/kg 0.0367	sopropyltoluene	ma/ra					68.4	L291098-14	WG29769
rene t-Butylbenzene mg/kg 0.0368 0.0371 1.02 21 73.5 L291098-14 WG29769 mg/kg 0.0306 0.345 21 61.4 L291098-14 WG29769 mg/kg 0.0366 0.0359 1.81 19 73.1 L291098-14 WG29769 mg/kg 0.0366 0.0359 1.81 19 73.1 L291098-14 WG29769 ns-1,2-Dichloroethene mg/kg 0.0354 0.0342 3.43 20 70.9 L291098-14 WG29769 ns-1,3-Dichloropropene mg/kg 0.0353 0.0340 3.77 16 69.8 L291098-14 WG29769 mg/kg 0.0367 0.0352 4.10 18 73.3 L291098-14 WG29769		mg/kg						L291098-14	WG29769
t-Butylbenzene	rene	mg/29						L291098-14	WG29769
rachloroethene	t-Butylbenzene							L291098-14	WG29769
uene     mg/kg     0.0354     0.0342     3.43     20     70.9     L291098-14     WG29769       ns-1,2-Dichloropropene     mg/kg     0.0353     0.0340     3.77     16     69.8     L291098-14     WG29769       mg/kg     0.0353     0.0352     4.10     18     73.3     L291098-14     WG29769       chloroethene     mg/kg     0.0367     0.0352     4.10     18     73.3     L291098-14     WG29769       chloroethene     mg/kg     0.0367     0.0352     4.10     18     73.3     L291098-14     WG29769	rachloroethene								
ns-1,2-Dichloroethene	uene		0.0350					L291098-14	WG29769
ns-1,3-Dichloropropene	ns-1,2-Dichloroethene	mg/kg						L291098-14	WG29769
chloroethene	.ns-1,3-Dichloropropene								
chlorofluorometnane mg/Ag 0.0017	chloroethene		0.0347				69.5	L291098-14	WG29769
	chlorofluoromethane	1115 / V.S	0.004/						



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Quality Assurance Report

Level II

May 01, 2007

oenix, AZ 85040

vl chloride	mg/kg	0.0418	0.0389	7.16	24	83.7	L291098-14	WG297695
lyte	M Units	atrix Sp MSD Res	ike Duplic Ref Res	ate RPD	Limit	%Rec	Ref Samp	Batch_
enes, Total	mg/kg	0.106	0.106	0.372	19	70.7	L291098-14	WG297695
cury	mg/kg	0.256	0.254	0.784	20	102.	L290880-07	WG297743

atch number /Run number / Sample number cross reference

WG297671: R316061: L291081-01 02 WG297695: R316099: L291081-01 02 WG297690: R316193: L291081-01 02 WG297689: R316253: L291081-01 02 WG297743: R316256: L291081-01 02



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stern Technologies vid Regonini 37 East Broadway Rd.

penix, AZ 85040

Quality Assurance Report Level II

1,291081

May 01, 2007

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

model for a land of the second for a land of the second form of the se	Client Project #	:  }}\frac{1}{2}	City/Sate Collected  ESC Key:  P.O.#:  otified ) .200% .100%	Date Resul	Z_ ts Needed: No∑Yes	No.	otal RCRA Miles 3000/6000-7000	60	53, 8082				Phone (80	E CORP.
Sample ID	Th Comp/Grab	ree Day Matrix*	. 25% Depth	Date	Time	Cntrs	1		_ Q	>		R	temarks/Contaminant	Sample # (lab only)
	Cr	55	12	4/24/47	6:30811		X	!"	$\times \mid \times$					129108101
		\$5	165	4/3/19	\$ 57H	3	<u> </u>	X   .	××					72
'Matrix: SS - Soil/Solid GW - Gro	oundwater <b>WW</b>	- WasteWater	DW - Dri	nking Water	OT - Other_	1				, 600 g 304 b 304		pH Flow		her <u>a</u>
Relinguished by: (Signature)  // Kelinguished by: (Signature)	Date // Date	/	1 (2	eived by (Sign	/XW	m					ed via: UI urier D		Condition:	(lab use only)
Relinquished by: (Signature)	Date			ceived for lab	by: (Signati	ure)	g nu	ef .	Temp:		Time:	San.	pH Checked:	NCF:

# LABORATORY REPORT FORM

ORANGE COAST ANALYTICAL, INC.

4620 East Elwood Street, Suite 4 Phoenix, AZ 85040

(480) 736-0960

Laboratory Certification (ADHS) No.: AZ0558, AZ0646, AZM499 Expiration Date: 2007

Laboratory Director's Name:

<u>Mark Noorani</u>

Client: Western Technologies, Inc.

Laboratory Reference: WES AZ4499

Project Name: Washington Park

Project Number.: 2187JK136

Sample Matrix: Soil

Date Sampled: <u>04/30/07</u> Date Received: <u>04/30/07</u>

Date Reported: 05/02/07

Chain of Custody Received: Yes

Analytical Method: 8015AZ, 8082, 8260B, 6010B, 7471A

Mark Noorani, Laboratory Director

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Western Technologies, Inc. ATTN: Mr. David Regonini 3737 E. Broadway Rd. Phoenix, AZ 85040

Laboratory Reference #: WES AZ4499

Client Project ID: Washington Park

Client Project #: 2187JK136

# TOTAL PETROLEUM HYDROCARBONS, C10-C32 (8015AZ)

Sample Description: Soil

Sampled:		04/30/07	04/30/07
Sampled: Received:		04/30/07	04/30/07
Extracted:	04/30/07	04/30/07	04/30/07
Analyzed:	04/30/07	04/30/07	04/30/07
Reported:	05/02/07	05/02/07	05/02/07
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
Lab Sample #:	MBAR0430071	AZ4499-001	AZ4499-002
Client Sample #:		LP3-8	LP3-16
Dilution Factor:	1	1	1
Data Qualifier:			
Data Qualifier:			#
Data Qualmer:  ANALYTE	mg/kg	mg/kg	mg/kg
	0 0	<b>.</b> .	•
	<30	<30	<30
ANALYTE	<30 <100	<30 <100	<30 180
ANALYTE C10-C22	<30	<30	<30
ANALYTE C10-C22 C22-C32	<30 <100	<30 <100	<30 180
ANALYTE C10-C22 C22-C32 Total, C10-C32	<30 <100 <130	<30 <100 <130	<30 180
ANALYTE C10-C22 C22-C32	<30 <100	<30 <100	<30 180 180

<sup>\*</sup> o-Terphenyl

Western Technologies, Inc. ATTN: Mr. David Regonini 3737 E. Broadway Rd. Phoenix, AZ 85040

Laboratory Reference #: WES AZ4499

Client Project ID: Washington Park

Client Project #: 2187JK136

# POLYCHLORINATED BIPHENYL'S (EPA 8082)

Sample Description: S	oíl			
Sampled: Received: Extracted: Analyzed: Reported:		 05/01/07 05/01/07 05/02/07	04/30/07 04/30/07 05/01/07 05/01/07 05/02/07	04/30/07 04/30/07 05/01/07 05/01/07 05/02/07
Lab Sample #: Client Sample #: Dilution Factor: Data Qualifier:		MBHN0501071  1	AZ4499-001 LP3-8 1	AZ4499-002 LP3-16 2 D2
ANALYTE	CAS#	μ <b>g</b> /kg	μg/kg	μg/kg
PCB-1016 PCB-1221 PCB-1232 PCB-1242 PCB-1248 PCB-1254 PCB-1260	12674-11-2 11104-28-2 11141-16-5 53469-21-9 12672-29-6 11097-69-1 11096-82-5	<25 <25 <25 <25 <25 <25 <25	<25 <25 <25 <25 <25 <25 <25	<50 <50 <50 <50 <50 <50 <50
Acceptable Surrogate Decachlorobiphenyl	%RC 20-179%	<b>%RC</b> 154	%RC 112	<b>%RC</b> 106

D2= Sample required dilution due to high concentration of target analyte.

Western Technologies, Inc. ATTN: Mr. David Regonini 3737 E. Broadway Rd. Phoenix, AZ 85040

Laboratory Reference #: WES AZ4499

Client Project ID: Washington Park

Client Project #: 2187JK136

# VOLATILE ORGANICS BY GC/MS (EPA 8260B)

Sample Description: Soil				
Sampled:			04/30/07	04/30/07
Received:			04/30/07	04/30/07
Extracted:		04/30/07	04/30/07	04/30/07
Analyzed:		05/01/07	05/01/07	05/01/07
Reported:		05/02/07	05/02/07	05/02/07
Lab Sample #:		MBAR0430072	AZ4499-001	AZ4499-002
Client Sample #:			LP3-8	LP3-16
Dilution Factor:		1	1	1
Data Qualifier:				
ANALYTE	CAS#	μg/kg	μg/kg	μg/kg
		.50	<b>√</b> E0	<50
Benzene	71-43-2	<50 <50	<50 <50	<50
Bromobenzene	108-86-1	<50 <50	<50 <50	<50
Bromochloromethane	74-97 <b>-</b> 5	<50 <50	<50 <50	<50
Bromodichloromethane	75-27-4		<50	<50
Bromoform	75-25-2	<50 <250	<250	<250
Bromomethane	74-83-9		<250	<250
2-Butanone	78-93-3	<250 <50	<50	<50
n-Butylbenzene	104-51 <b>-</b> 8	<50 <50	<50	<50
sec-Butylbenzene	135-98-8 98-06-6	<50	<50	<50
tert-Butylbenzene	56-23-5	<50	<50	<50
Carbon tetrachloride	108-90-7	<50	<50	<50
Chlorobenzene	124-48-1	<50	<50	<50
Chlorodibromomethane	75-00-3	<250	<250	<250
Chloroethane	110-75-8	<100	<100	<100
2-Chloroethyl vinyl ether	67-66-3	<50	<50	<50
Chloroform	74-87 <b>-</b> 3	<250	<250	<250
Chloromethane	95-49-8	<50	<50	<50
2-Chlorotoluene	106-43-4	<50	<50	<50
4-Chlorotoluene	106-93-4	<50	<50	<50
1,2-Dibromoethane 1,2-Dichlorobenzene	95-50-1	<50	<50	<50
1,3-Dichlorobenzene	541-73-1	<50	<50	<50
1,4-Dichlorobenzene	106-46-7	<50	<50	<50
1,1-Dichloroethane	75-34-3	<50	<50	<50
1,2-Dichloroethane	107-06-2	<50	<50	<50
1,1-Dichloroethene	75-35-4	<50	<50	<50
cis-1,2-Dichloroethene	156-59-2	<50	<50	<50
trans-1,2-Dichloroethene	156-60-5	<50	<50	<50
cis-1,3-Dichloropropene	10061-01-5	<50	<50	<50
trans-1,3-Dichloropropene	10061-02-6	<50	<50	<50
Dichlorodifluoromethane	75-71-8	<250	<250	<250
Dictiologitinotottlemene	78-87-5	<50	<50	<50

Laboratory Reference #: WES AZ4499

Client Project ID: Washington Park

Client Project #: 2187JK136

Sampled: Received: Extracted: Analyzed: Reported:		  04/30/07 05/01/07 05/02/07 MBAR0430072	04/30/07 04/30/07 04/30/07 05/01/07 05/02/07	04/30/07 04/30/07 04/30/07 05/01/07 05/02/07 AZ4499-002
Lab Sample #:		IVIDARU430072	LP3-8	LP3-16
Client Sample #:		1	1	1
Dilution Factor:		ı	,	ı
ANALYTE (con't)	CAS#	μg/kg	μg/kg	μg/kg
1,3-Dichloropropane	142-28-9	<50	<50	<50
2,2-Dichloropropane	594-20-7	<50	<50	<50
1,1-Dichloropropene	563-58-6	<50	<50	<50
Ethylbenzene	100-41-4	<50	<50	<50
2-Hexanone	591-78-6	<250	<250	<250
Isopropylbenzene	98-82-8	<50	<50	<50
4-Isopropyltoluene	99-87-6	<50	<50	<50
Methyl t-butyl ether (MTBE)	1634-04-4	<50	<50	<50
Methylene chloride	75-09-2	<250	<250	<250
4-Methyl-2-pentanone	108-10-1	<250	<250	<250
Naphthalene	91-20-3	<150	<150	<150
n-Propylbenzene	103-65-1	<50	<50	<50
Styrene	100-42-5	<50	<50	<50
1,1,2,2-Tetrachloroethane	79-34 <b>-</b> 5	<50	<50	<50
Tetrachloroethene	127-18-4	<50	<50	<50
Toluene	108-88-3	<50	<50	<50
1,2,3-Trichlorobenzene	87-61-6	<50	<50	<50
1,1,1-Trichloroethane	71-55-6	<50	<50	<50
1,1,2-Trichloroethane	79-00-5	<50	<50	<50
Trichloroethene	79-01-6	<50	<50	<50
Trichlorofluoromethane	75 <b>-</b> 69-4	<250	<250	<250
1,2,3-Trichloropropane	96-18-4	<50	<50	<50
1,2,4-Trimethylbenzene	95-63-6	<50	<50	<50
1,3,5-Trimethylbenzene	108-67-8	<50	<50	<50
Vinyl chloride	75-01 <del>-</del> 4	<250	<250	<250
Total Xylenes	1330-20-7	<150	<150	<150
Acceptable Surrogate %RC		%RC	%RC	%RC
Dibromofluoromethane	67-208%	104	116	135
Toluene-d8	74-125%	76	81	80
4-Bromofluorobenzene	42-115%	48	47	46

Western Technologies, Inc.

ATTN: Mr. David Regonini 3737 E. Broadway Rd. Phoenix, AZ 85040 Laboratory Reference #: WES AZ4499

Client Project ID: Washington Park

Client Project #: 2187JK136

### METALS

Sample Descripti	ion: Soil				
Sampled: Received:			  05/02/07	04/30/07 04/30/07 05/02/07	04/30/07 04/30/07 05/02/07
Reported:			05/02/07	OSIOZIOI	00/02/07
Lab Sample #: Client Sample #:			MBKG0501071 	AZ4499-001 LP3-8	AZ4499-002 LP3-16
ANALYTE	EPA <b>M</b> ETHOD	DATE TESTED	mg/kg	mg/kg	mg/kg
Arsenic Barium Cadmium Chromium Lead Selenium Silver	6010B 6010B 6010B 6010B 6010B 6010B	05/01/07 05/01/07 05/01/07 05/01/07 05/01/07 05/01/07	<1.0 <0.5 <0.5 <0.5 <1.0 <5.0 <0.5	5.1 47 0.79 16 11 <5.0 <0.5	11 74 4.6 19 41 <5.0 <0.5

### Western Technologies, Inc.

ATTN: Mr. David Regonini 3737 E. Broadway Rd. Phoenix, AZ 85040 Laboratory Reference #: WES AZ4499

Client Project ID: Washington Park

Client Project #: 2187JK136

#### METALS

Sample Descript	tion: Soil				
Sampled:				04/30/07	04/30/07
Received:				04/30/07	04/30/07
Reported:			05/02/07	05/02/07	05/02/07
Lab Sample #:			MBKG0501072	AZ4499-001	AZ4499-002
Client Sample #:				LP3-8	LP3-16
ANALYTE	EPA METHOD	DATE TESTED	mg/kg	mg/kg	mg/kg
Mercury	7471A	05/01/07	<0.1	<0.1	0.14

### QA/QC REPORT

for

# Total Petroleum Hydrocarbons, C10-C32 (8015AZ)

Reporting units: ppm

# 1. Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Analysis: 04/30/07 Laboratory Sample No: AZ4495-001 Laboratory Reference No: WES AZ4499

Analyte	R1	SP CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD
C10 - C32 Hydrocarbons	0	1000	893	835	89	84	7	56-122	33

Definition of Terms:

R1 Results Of Laboratory Sample Number

SP CONC Spike Concentration Added to Sample

MS Matrix Spike Results

MSD Matrix Spike Duplicate Results

%MS Percent Recovery Of MS: {(MS-R1) / SP} x100
%MSD Percent Recovery Of MSD: {(MSD-R1) / SP} x 100

RPD Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

ACP %MS(MSD) Acceptable Range of Percent

ACP RPD Acceptable Relative Percent Difference

#### 2. Laboratory Fortified Blank

Date of Analysis: 04/30/07 Laboratory Sample No: AR0430071

Analyte	SP CONC	RESULTS	% RECOVERY	ACCEPTABLE %
C10 - C32 Hydrocarbons	1000	760	76	70-130

#### QA/QC REPORT

#### for

#### Polychlorinated Biphenyl's (EPA 8082)

Reporting units: ppb

### 1. Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Analysis: 05/01/07 Laboratory Sample No: AZ4494-001 Laboratory Reference No: WES AZ4499

ANALYTE	R1	SP CONC	MS	MSD	% MS	% MSD	RPD	ACP%	ACP RPD
PCB-1016 <sup>R5</sup>	0.0	250	152	232	61	93	42	39-163	29
PCB-1260	0.0	250	255	271	102	108	6	13-180	30

Definition of Terms:

R1 Result of Laboratory Sample Number

SP CONC Spike Concentration Added to Sample

MS Matrix Spike Results

MSD Matrix Spike Duplicate Results

% MS Percent Recovery of MS: {(MS-R1) / SP} x 100
% MSD Percent Recovery of MSD: {(MSD-R1) / SP} x 100

RPD Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

ACP% Acceptable Range of Percent for MS/MSD ACP RPD Acceptable Relative Percent Difference

R5 MS/MSD RDP exceeded the laboratory control limit. Recovery met acceptance criteria.

#### 2. Laboratory Control Sample

Date of Analysis: 05/01/07 Laboratory Sample No: HN0501071

ANALYTE	SP CONC	RESULTS	% RECOVERY	ACCEPTABLE %
PCB-1016	250	278	111	52-147
PCB-1260	250	281	112	31-166

# QA/QC Report

#### for

# Volatile Organic Compounds (EPA 8260B)

Reporting Units: ppb

# 1. Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Analysis: 05/01/07 Laboratory Sample No: AZ4499-00144 Laboratory Reference No: WES AZ4499

ANALYTE	R1	SP CONC	MS	MSD	% MS	% MSD	RPD	ACP%	ACP RPD
1,1-Dichloroethene	0.0	50	44	47	88	94	7	64-142	20
Benzene	0.0	50	41	45	82	90	9	75-135	17
Trichloroethene	0.0	50	38	40	76	80	5	68-128	16
Toluene	0.0	50	46	50	92	100	8	79-127	15
Chlorobenzene	0.0	50	49	53	98	106	8	74-140	16

Definition of Terms:

R1 Result of Laboratory Sample Number

SP CONC Spike Concentration Added to Sample

MS Matrix Spike Results

MSD Matrix Spike Duplicate Results

% MS Percent Recovery of MS: {(MS-R1) / SP} x 100
% MSD Percent Recovery of MSD: {(MSD-R1) / SP} x 100

RPD Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

ACP% Acceptable Range of Percent for MS/MSD ACP RPD Acceptable Relative Percent Difference

### 2. Laboratory Control Sample

INIT . . .

Date of Analysis: 05/01/07 Laboratory Sample No: NA0501071

ANALYTE	SP CONC	RESULTS	% RECOVERY	ACCEPTABLE %	
1.1-Dichloroethene	50	48	96	55-155	
Benzene	50	45	90	74-132	
Trichloroethene	50	41	82	73-123	
Toluene	50	49	98	80-127	
Chlorobenzene	50	53	106	80-135	

# QA/QC REPORT for Metals

Reporting units: ppm

#### 1. Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Laboratory Reference No: WES AZ4499

Analyte	Date Tested	QC Sample	R1	SP CONC	MS	MSD	%MS	%MSD	RPD	ACP%	ACP RPD
Arsenic	05/01/07	AZ4499-001	5.1	20.0	25.6	26.2	103	106	2	75-125	20
Barium	05/01/07	AZ4499-001	47	40.0	81.5	92.9	86	115	13	75-125	20
Cadmium	05/01/07	AZ4499-001	0.79	10.0	10.6	10.6	98	98	0	75-125	20
Chromium	05/01/07	AZ4499-001	16	20.0	35.8	38.1	99	111	6	75-125	20
Lead	05/01/07	AZ4499-001	11	20.0	30.0	30.4	95	97	1	75-125	20
Mercury	05/01/07	AZ4499-001	0.0	1.00	1.07	1.08	107	108	1	80-120	20
Selenium	05/01/07	AZ4499-001	0.0	20.0	20.9	21.1	105	106	1	75-125	20
Silver <sup>M2</sup>	05/01/07	AZ4499-001	0.0	20.0	14.1	14.0	71	70	1	75-125	20

Definition of Terms:

R1 Result of QC Sample

SP CONC Spike Concentration Added to Sample

MS Matrix Spike Results

MSD Matrix Spike Duplicate Results

% MS Percent Recovery of MS: {(MS-R1) / SP} x 100
% MSD Percent Recovery of MSD: {(MSD-R1) / SP} x 100

RPD Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2

ACP % Acceptable Range of Percent for MS/MSD ACP RPD Acceptable Relative Percent Difference

M2 Matrix spike recovery was low, the method control sample recovery was acceptable.

#### 2. Laboratory Control Sample

Analyte	Date Tested	Spike Standard ID	SP CONC	Results	% Recovery	ACP %
Arsenic	05/01/07	KG0501071	20.0	19.7	99	80-120
Barium	05/01/07	KG0501071	40.0	39.9	100	80-120
Cadmium	05/01/07	KG0501071	10.0	9.47	95	80-120
Chromium	05/01/07	KG0501071	20.0	20.1	101	80-120
Lead	05/01/07	KG0501071	20.0	21.7	109	80-120
Mercury	05/01/07	KG0501072	1.00	1.05	105	80-120
Selenium	05/01/07	KG0501071	20.0	18.9	95	80-120
Silver	05/01/07	KG0501071	20.0	19.5	98	80-120

# ORANGE COAST ANALYTICAL, INC.

3002 Dow, Suite 532 Tustin, CA 92780 (714) 832-0064, Fax (714) 832-0067 4620 E. Elwood, Suite 4 Phoenix, AZ 85040 (480) 736-0960 Fax (480) 736-0970

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Dupont Circle – East End
Septic System Subsurface Boring Samples
WT Job No. 2187JK136



Tax I.D. 62-0814289

Est. 1970

David Regonini Western Technologies 3737 East Broadway Rd.

Phoenix, AZ 85040

Report Summary

Wednesday May 16, 2007

Report Number: L293161
Samples Received: 05/12/07
Client Project: 2187JK136

Description: Washington Park Dupont Circle

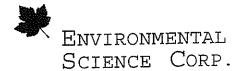
The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

Travis Johnson, ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 09227, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487 GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140 NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233 AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, WA - C1915



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

Sample ID

May 16, 2007

Project # : 2187JK136

ESC Sample # : L293161-01

Date Received : May

12, 2007 : Washington Park Dupont Circle Description

B8-15

Site ID :

Collected By : Regonini / Clemons Collection Date : 05/11/07 07:31

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL 2.2	0.085 0.085 0.085 0.085 0.085 0.085 0.085	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	05/14/07 05/14/07 05/14/07 05/14/07 05/14/07 05/14/07 05/14/07	5 5 5 5 5 5 5 5 5
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	106. 85.9		% Rec. % Rec.	8082 8082	05/14/07 05/14/07	5 5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 05/16/07 11:20 Printed: 05/16/07 11:21



Tax I.D. 62-0814289

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REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

May 16, 2007

ESC Sample # : L293161-02

Project # : 2187JK136

12, 2007 Date Received : May

Washington Park Dupont Circle Description :

Site ID :

B8-20 Sample ID

Collected By : Regonini / Clemons Collection Date : 05/11/07 07:37

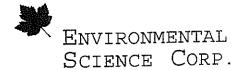
Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254	BDL BDL BDL BDL BDL BDL	0.085 0.085 0.085 0.085 0.085	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082	05/14/07 05/14/07 05/14/07 05/14/07 05/14/07	55555555
PCB 1260 PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	BDL 94.0 71.1	0.085	mg/kg % Rec. % Rec.	8082 8082 8082	05/14/07 05/14/07 05/14/07	5 5 5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

May 16, 2007

ESC Sample # : L293161-03

Date Received :

12, 2007 May

Description

. Washington Park Dupont Circle

Sample ID

B8-30

Site ID :

Project # : 2187JK136

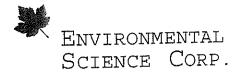
Collected By : Regonini / Clemons Collection Date : 05/11/07 07:59

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL BDL	0.085 0.085 0.085 0.085 0.085 0.085	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	05/14/07 05/14/07 05/14/07 05/14/07 05/14/07 05/14/07 05/14/07	5 5 5 5 5 5 5 5 5
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	81.9 76.7		% Rec. % Rec.	8082 8082	05/14/07 05/14/07	5 5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

May 16, 2007

ESC Sample # : L293161-04

12, 2007 May Date Received :

Washington Park Dupont Circle Description :

Site ID :

B9-15 Sample ID Project # : 2187JK136

Collected By : Regonini / Clemons Collection Date : 05/11/07 08:43

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL	0.085 0.085 0.085 0.085 0.085 0.085	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	05/15/07 05/15/07 05/15/07 05/15/07 05/15/07 05/15/07	ស ស ស ស ស ស ស ស
<pre>PCBs Surrogates   Decachlorobiphenyl   Tetrachloro-m-xylene</pre>	72.0 76.3		% Rec. % Rec.	8082 8082	05/15/07 05/15/07	5 5

EDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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Tax I.D. 62-0814289

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REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

May 16, 2007

ESC Sample # : L293161-05

12, 2007 May

Date Received : Description : Washington Park Dupont Circle

Site ID :

B9-20 Sample ID Project # : 2187JK136

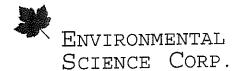
Regonini / Clemons 05/11/07 08:55 Collected By : Collection Date :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Parameter  Polychlorinated Biphenyls  PCB 1016  PCB 1221  PCB 1232  PCB 1242  PCB 1248  PCB 1254  PCB 1260	BDL BDL BDL BDL BDL O.33	0.085 0.085 0.085 0.085 0.085 0.085	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	05/15/07 05/15/07 05/15/07 05/15/07 05/15/07 05/15/07	5555555
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	70.4 77.4		% Rec. % Rec.	8082 8082	05/15/07 05/15/07	5 5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

David Regonini Western Technologies

3737 East Broadway Rd. Phoenix, AZ 85040

May 16, 2007

ESC Sample # : L293161-06

Date Received :

12, 2007 May

Description

Washington Park Dupont Circle

Site ID :

Project # : 2187JK136

B9-25 Sample ID

Collected By Regonini / Clemons Collection Date : 05/11/07 09:07

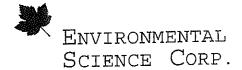
Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL BDL BDL	0.085 0.085 0.085 0.085 0.085 0.085	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	05/15/07 05/15/07 05/15/07 05/15/07 05/15/07 05/15/07	5 5 5 5 5 5 5
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	75.4 65.4		% Rec. % Rec.	8082 8082	05/15/07 05/15/07	5 5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

ESC Sample # : L293161-07

Date Received :

12, 2007 May

Description

Washington Park Dupont Circle

Sample ID

B10-10

Site ID :

May 16, 2007

Project # : 2187JK136

Collected By : Regonini / Clemons Collection Date : 05/11/07 09:35

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260 PCBs Surrogates	BDL BDL BDL BDL BDL BDL BDL	0.085 0.085 0.085 0.085 0.085 0.085 0.085	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	05/15/07 05/15/07 05/15/07 05/15/07 05/15/07 05/15/07 05/15/07	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
Decachlorobiphenyl Tetrachloro-m-xylene	69.3		% Rec.	8082	05/15/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

May 16, 2007

ESC Sample # : L293161-08

Date Received : Description

12, 2007 May

:

Washington Park Dupont Circle

Sample ID

B10-15

Site ID :

Project # : 2187JK136

Collected By : Collection Date :

Regonini / Clemons 05/11/07 09:39

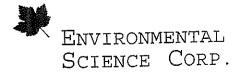
Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Parameter  Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL BDL	0.085 0.085 0.085 0.085 0.085 0.085	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	05/15/07 05/15/07 05/15/07 05/15/07 05/15/07 05/15/07	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	83.3 77.3		% Rec. % Rec.	8082 8082	05/15/07 05/15/07	5 5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

The reported analytical results relate only to the sample submitted.

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REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

May 16, 2007

ESC Sample # : L293161-09

Date Received : Description

12, 2007 May

Washington Park Dupont Circle

Site ID :

Sample ID

B10-20

Project # : 2187JK136

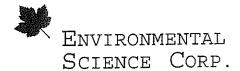
Collected By : Regonini / Clemons Collection Date : 05/11/07 09:51

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL BDL	0.085 0.085 0.085 0.085 0.085 0.085	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082 8082	05/15/07 05/15/07 05/15/07 05/15/07 05/15/07 05/15/07	5 5 5 5 5 5 5
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	89.2 66.1		% Rec. % Rec.	8082 8082	05/15/07 05/15/07	5 5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

May 16, 2007

12, 2007

Date Received Description

May Washington Park Dupont Circle

ESC Sample # : L293161-10

Project # : 2187JK136

Site ID :

Sample ID

B12-15

Collected By : Regonini / Clemons Collection Date : 05/11/07 14:20

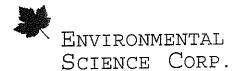
Parameter	Result	Det. Limit	Units	Method	Date	Dil.
n i klasista Pinkovila						
Polychlorinated Biphenyls	BDL	0.017	mg/kg	8082	05/15/07	1
PCB 1016					05/15/07	
PCB 1221	BDL	0.017	mg/kg	8082		1
PCB 1232	$\mathtt{BDL}$	0.017	mg/kg	8082	05/15/07	1
:	BDL	0.017	mg/kg	8082	05/15/07	1
PCB 1242	BDL	0.017	mg/kg	8082	05/15/07	1
PCB 1248	-				05/15/07	
PCB 1254	$\mathtt{BDL}$	0.017	mg/kg	8082		<u>+</u>
PCB 1260	0.054	0.017	mg/kg	8082	05/15/07	1
PCBs Surrogates					/ /	_
Decachlorobiphenyl	88.6		% Rec.	8082	05/15/07	1
Tetrachloro-m-xylene	89.0		% Rec.	8082	05/15/07	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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REPORT OF ANALYSIS

David Regonini Western Technologies May 16, 2007

3737 East Broadway Rd. Phoenix, AZ 85040

ESC Sample # : L293161-11

Date Received : :

12, 2007 May

Description

Washington Park Dupont Circle

Sample ID

B12-20

Site ID :

Project # : 2187JK136

Collected By : Collection Date :

Regonini / Clemons 05/11/07 14:35

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL	0.017 0.017 0.017 0.017 0.017 0.017 0.017	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	05/15/07 05/15/07 05/15/07 05/15/07 05/15/07 05/15/07	1 1 1 1 1 1
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	92.4 69.2		% Rec. % Rec.	8082 8082	05/15/07 05/15/07	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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REPORT OF ANALYSIS

David Regonini Western Technologies May 16, 2007

3737 East Broadway Rd. Phoenix, AZ 85040

ESC Sample # : L293161-12

12, 2007 Date Received : May

Washington Park Dupont Circle Description

Site ID :

B11-15 Sample ID

Project # : 2187JK136

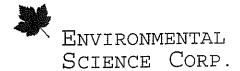
Regonini / Clemons 05/11/07 12:04 Collected By : Collection Date :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL BDL	0.017 0.017 0.017 0.017 0.017 0.017 0.017	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	05/15/07 05/15/07 05/15/07 05/15/07 05/15/07 05/15/07	1 1 1 1 1
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	108. 90.7		% Rec. % Rec.	8082 8082	05/15/07 05/15/07	1 1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

May 16, 2007

Site ID :

ESC Sample # : L293161-13

Project # : 2187JK136

12, 2007 May

Date Received : Description

Washington Park Dupont Circle

Sample ID

B13-2

Collected By : Regonini / Clemons Collection Date : 05/11/07 15:25

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls			/>	0000	05/15/07	200
PCB 1016	BDL	3.4	mg/kg	8082		
PCB 1221	BDL	3.4	mg/kg	8082	05/15/07	200
	BDL	3.4	mg/kg	8082	05/15/07	200
PCB 1232	BDL	3.4	mg/kg	8082	05/15/07	200
PCB 1242					05/15/07	200
PCB 1248	BDL	3.4	mg/kg	8082	1.5	
PCB 1254	BDL	3.4	mg/kg	8082	05/15/07	200
PCB 1260	65 <i>.</i>	3.4	mg/kg	8082	05/15/07	200
PCBs Surrogates						
Decachlorobiphenyl	0.00		% Rec.	8082	05/15/07	200
	0.00		% Rec.	8082	05/15/07	200
Tetrachloro-m-xylene	0.00				,,-	

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.

### Attachment A List of Analytes with QC Qualifiers

Sample #	Analyte	Qualifier
L293161-01	PCB 1260	, E
L293161-02	PCB 1016	. 0
	PCB 1221	o
	PCB 1232	0
	PCB 1242	0
	PCB 1248	0
	PCB 1254	0
	PCB 1260	0
L293161-03	PCB 1016	0
HZJJ101 CJ	PCB 1221	0
	PCB 1232	0
	PCB 1242	0
	PCB 1248	0
	PCB 1254	0
	PCB 1260	0
	PCB 1200 PCB 1016	0
L293161-04	PCB 1010 PCB 1221	0
	PCB 1221 PCB 1232	ò
	PCB 1232 PCB 1242	Ō
		Ō
	PCB 1248	ō
	PCB 1254	Ö
	PCB 1260	Ö
L293161-06	PCB 1016	ŏ
	PCB 1221	Ö
	PCB 1232	ŏ
	PCB 1242	Ö
	PCB 1248	ŏ
	PCB 1254	Ö
	PCB 1260	ŏ
L293161-07	PCB 1016	Ö
	PCB 1221	ŏ
	PCB 1232	Ö
	PCB 1242	ŏ
	PCB 1248	0
	PCB 1254	Ö
	PCB 1260	Ö
L293161-08	PCB 1016	Ö
	PCB 1221	ŏ
	PCB 1232	ŏ
	PCB 1242	ŏ
	PCB 1248	Ö
	PCB 1254	ŏ
	PCB 1260	ŏ
L293161-09	PCB 1016	ŏ
	PCB 1221	0
	PCB 1232	ŏ
	PCB 1242	ŏ
	PCB 1248	0
	PCB 1254	
	PCB 1260	0
L293161-13	Decachlorobiphenyl	J7
	Tetrachloro-m-xylene	J7

# Attachment B Explanation of QC Qualifier Codes

Qualifier	Meaning
E	GTL (EPA) - Greater than upper calibration limit: Actual value is known to be greater than the upper calibration range.
J7	Surrogate recovery limits cannot be evaluated; surrogates were diluted out
0	(ESC) Sample diluted due to matrix interferences that impaired the ability to make an accurate analytical determination. The detection limit is elevated in order to reflect the necessary dilution.

Oualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

#### Definitions

- Accuracy The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.
- Precision The agreement between a set of samples or between duplicate samples.

  Relates to how close together the results are and is represented by

  Relative Percent Difference.
- Surrogate Organic compounds that are similar in chemical composition, extraction, and chromotography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

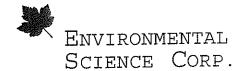
Control Limits (AQ) (SS)

2-Fluorophenol 31-119 Nitrobenzene-d5 43-118 Dibromfluoromethane 68-128 64-125

Phenol-d5 12-134 2-Fluorobiphenyl 45-128 Toluene-d8 76-115 69-118

2,4,6-Tribromophenol 51-141 Terphenyl-d14 43-137 4-Bromofluorobenzene 79-127 61-134

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.



Tax I.D. 62-0814289

Est. 1970

tern Technologies rid Regonini 7 East Broadway Rd.

enix, AZ 85040

Quality Assurance Report Level II

L293161

May 16, 2007

	La: Result	boratory Bla Units	ank Date Anal	vzed	Batch	
yte	<u> </u>	OILLUD	Dace inia:	1		
1016	< .017	mg/kg	05/14/07	19:27	WG299850	
1016 ( 15 kg 2 1 1 1 4 4 4 4 4 kg 2 1 4 4 4 1	< .017	mq/kg	05/14/07		WG299850	
1221	< .017	mg/kg	05/14/07		WG299850	
1232	< .017	mg/kg	05/14/07		WG299850	e kijesti institutija k
1242		mg/kg	05/14/07		WG299850	
1248	< .017		05/14/07		WG299850	
1254	< .017	mg/kg	05/14/07		WG299850	War are the second
1260	< .017	mg/kg	05/14/07	19:27	NG233630	
The state of the s	T in his in some to	owie Control	Sample			
		ory Control nown Val	Result	% Rec	Limit	Batch
yte	Units K	HOWIT VAT	Kepare	8 1000	DIME	Dacon
1260 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		n <b>an</b> z wedayina	0.148	88 6	64-120	WG299850
1260	mg/kg ·	107	0.110	00.0	01 220	
	Laboratory C	ontrol Campl	e Dublicate	a)**.		
	Laboracory C	Res Ref Res	RPD	Limit %F	Rec Bato	'n
yte	Onics LCSD	Res Rei Res	NED	27,41110 01	tee bace	
<b>3260</b> 0						

tch number /Run number / Sample number cross reference

WG299850: R318057: L293161-01 02 03 04 05 06 07 08 09 10 11 12 13



Tax I.D. 62-0814289

Est. 1970

tern Technologies id Regonini 7 East Broadway Rd.

enix, AZ 85040

Quality Assurance Report Level II

L293161

May 16, 2007

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate — is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

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operation of the state of the s			( <i>} (}∂∂∂∂</i>  City/Sate	<u> </u>	-13.90m						Phone	(615) 758-5858
escription: 1971 1974 1974 1				Opx AZ	<u>.</u>		4				1	(800) 767-5859
innet of political APP	Client Project #		ESC Key:			Ċ	10				ļ	(615) 758-5859
Meded by:	Site/Facility ID#	<b>#</b> :	P.O.#:				$\alpha$					
ellected by (signature); 7	Sa	b MUST Be Net Day	200%	Date Resu	its Needed:	No.	500				CoCode Template/Prelogir	(lab use only)
ocked on Ice N Y	Tw	o Day	. 50%	FAX?		" ,	$\sim$				Shipped Via:	
Sample ID	Comp/Grab	ree Day Matrix*	25% Depth	Date	Time	Cntrs					Remarks/Contaminant	Sample # (lab only)
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		3	15	5-11:07	8:13	1	$\hat{\lambda}$					64
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*Matrix: SS - Soil/Solid GW - Gro	oundwater WW	- WasteWate	<u> </u>	kina Water			<del>-/</del>		Leannessand	p	Н	Temp
Remarks;				2/1								Other
chaquished by: (Signature)	Date:		Recei	ved by: (Sign	nature)	7		☐ Fed	dEx □ Cou	d via: □ UP: ırier (IX)	COC s	(lab use only)
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રે∘linquished by: (Signature)	Date:	Time:	Rec	Ived for her	by (Signatu	ire) A	1/3	Date	12.01	Time:	pH Checked:	NCF:

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feded by:  Incited by (signature);  Indion tee N Y	Ne	b MUST Be I	200% 100% 50%	Date Resul  Email?!  FAX?!	No_Yes	No.	1908 SOB				The state of the s		CoCode Template/Prelogin Shipped Via:	(lab use only)
Sample ID	Comp/Grab	ree Day Matrix*	25% Depth	Date	Time	Chirs	12/	ļ					Remarks/Contaminant	Sample # (lab only)
		j.	1-3	5)11/07 5)11/07 5/11/07	2130 2135 1227 3;25		アリソリ							1293161 - 10 -11 -12 -13
Matrix: SS - Soll/Solid GW - Gri	oundwater <b>WW</b>	- WasteWate	r DW - Drir	nking Water ا	OT - Other_	,-++++++++++++++++++++++++++++++++++++						pI-I Flow		ther
linquished by (Signature)	Lighto	Time:	27 /	ived by: (Sign	- / ;				Sample:    FedE   Temp:	× □ C	ourier	UPS	Condition: - red:	(lab use only)
elin(uitshed by: (Signature)	Date		1386	dy for the	by (Signatu		Est.	1.7	Date:	8 -81	. Tim	ie: OfŒ	pH Checked:	NCF:

Dupont Circle – East End Subpart N Grid Composite Samples WT Job No. 2187JK136



Tax I.D. 62-0814289

Est. 1970

David Regonini Western Technologies 3737 East Broadway Rd.

Phoenix, AZ 85040

Report Summary

Monday May 14, 2007

Report Number: L292721 Samples Received: 05/10/07 Client Project: 2187JK136

Description: Washington Park Dupont Circle

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call

Entire Report Reviewed By:

ravis Johnson, ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 09227, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487 GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140 NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233 AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, WA - C1915



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

May 14, 2007

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

ESC Sample # : L292721-01

Project # : 2187JK136

Date Received :

10, 2007 May

Description

Washington Park Dupont Circle

Site ID :

Sample ID

G1-1

Regonini/Clemens/Vo 05/09/07 10:28

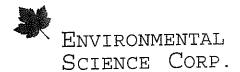
Collected By : Collection Date :

COTTECTION Date V	Result	Det. Limit	Units	Method	Date	Dil.
Parameter	Reduke					
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL 1.0	0.085 0.085 0.085 0.085 0.085 0.085	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	05/11/07 05/11/07 05/11/07 05/11/07 05/11/07 05/11/07 05/11/07	555555555
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	79.7 83.3		% Rec. % Rec.	8082 8082	05/11/07 05/11/07	5 5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies

3737 East Broadway Rd. Phoenix, AZ 85040

May 14, 2007

Site ID :

ESC Sample # : L292721-02

Date Received : May

Description : 10, 2007

Washington Park Dupont Circle

Sample ID

G1-2

Project # : 2187JK136

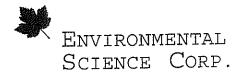
Collected By : Regonini/Cleme Collection Date : 05/09/07 10:32 Regonini/Clemens/Vo

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL BDL 1.7	0.17 0.17 0.17 0.17 0.17 0.17 0.17	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	05/14/07 05/14/07 05/14/07 05/14/07 05/14/07 05/14/07 05/14/07	10 10 10 10 10 10
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	90.6 92.2		% Rec. % Rec.	8082 8082	05/14/07 05/14/07	10 10

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd.

Phoenix, AZ 85040

May 14, 2007

ESC Sample # : L292721-03

Date Received :

10, 2007 May

Description

Washington Park Dupont Circle

Sample ID

G1-3

Site ID :

Project # : 2187JK136

Collected By : Regonini/Clemens/Vo

Collection Date : 05/09/07 10:25

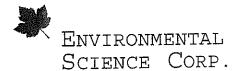
Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL 3.8	0.34 0.34 0.34 0.34 0.34 0.34	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	05/14/07 05/14/07 05/14/07 05/14/07 05/14/07 05/14/07 05/14/07	20 20 20 20 20 20 20
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	0.00		% Rec. % Rec.	8082 8082	05/14/07 05/14/07	20 20

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.



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REPORT OF ANALYSIS

May 14, 2007

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

ESC Sample # : L292721-04

10, 2007 Date Received : May

Washington Park Dupont Circle Description

Site ID :

G1-4 Sample ID

Project # : 2187JK136

Collected By : Regonini/Clemer Collection Date : 05/09/07 10:45 Regonini/Clemens/Vo

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL 19.	0.85 0.85 0.85 0.85 0.85 0.85	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082 8082	05/14/07 05/14/07 05/14/07 05/14/07 05/14/07 05/14/07 05/14/07	50 50 50 50 50 50 50
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	0.00		% Rec. % Rec.	8082 8082	05/14/07 05/14/07	50 50

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

ESC Sample # : L292721-05

Date Received 10, 2007 May

Washington Park Dupont Circle Description

Site ID :

May 14, 2007

Sample ID G2-1

Project # : 2187JKl36

Collected By : Regonini/Clemens/Vo Collection Date : 05/09/07 11:18

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL 15.	0.85 0.85 0.85 0.85 0.85 0.85	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	05/14/07 05/14/07 05/14/07 05/14/07 05/14/07 05/14/07	50 50 50 50 50 50 50
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	0.00		% Rec. % Rec.	8082 8082	05/14/07 05/14/07	50 50

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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Est. 1970

2187JK136

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

May 14, 2007

Site ID :

Project # :

ESC Sample # : L292721-06

Date Received

10, 2007 May

Description

Washington Park Dupont Circle

Sample ID

G2-2

Regonini/Clemens/Vo Collected By 05/09/07 11:20 Collection Date :

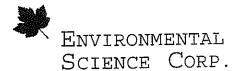
Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL BDL 37.	1.7 1.7 1.7 1.7 1.7 1.7	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	05/14/07 05/14/07 05/14/07 05/14/07 05/14/07 05/14/07	100 100 100 100 100 100
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	0.00		% Rec. % Rec.	8082 8082	05/14/07 05/14/07	100 100

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd.

Phoenix, AZ 85040

May 14, 2007

Site ID :

ESC Sample # : L292721-07

Project # : 2187JK136

Date Received

May

Description

10, 2007 Washington Park Dupont Circle

Sample ID

G2-3

Regonini/Clemens/Vo

Collected By Collection Date: 05/09/07 11:05

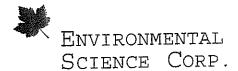
Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254	BDL BDL BDL BDL BDL 12.	0.85 0.85 0.85 0.85 0.85 0.85	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	05/14/07 05/14/07 05/14/07 05/14/07 05/14/07 05/14/07 05/14/07	50 50 50 50 50 50 50
PCB 1260 PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	0.00		% Rec. % Rec.	8082 8082	05/14/07 05/14/07	50 50

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.



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Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies

3737 East Broadway Rd. Phoenix, AZ 85040

Sample ID

May 14, 2007

ESC Sample # : L292721-08

10, 2007 Date Received : May

Washington Park Dupont Circle Description :

Site ID :

G2-3R

Project # : 2187JK136

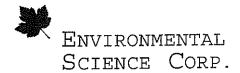
Regonini/Clemens/Vo 05/09/07 11:10 Collected By : Collection Date :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL 9.6	0.85 0.85 0.85 0.85 0.85 0.85	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	05/14/07 05/14/07 05/14/07 05/14/07 05/14/07 05/14/07 05/14/07	50 50 50 50 50 50 50
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	0.00		% Rec. % Rec.	8082 8082	05/14/07 05/14/07	50 50

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies

3737 East Broadway Rd. Phoenix, AZ 85040

ESC Sample # : L292721-09

10, 2007 Date Received : May

Washington Park Dupont Circle Description :

Site ID :

May 14, 2007

Sample ID G2-4

Project # : 2187JK136

: Regonini/Clemens/Vo Collected By Collection Date : 05/09/07 11:25

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	0.17	mg/kg	8082	05/14/07	10
PCB 1221	BDL	0.17	mg/kg	8082	05/14/07	10
PCB 1232	BDL	0.17	mg/kg	8082	05/14/07	10
PCB 1242	BDL	0.17	mg/kg	8082	05/14/07	10
	BDL	0.17	mg/kg	8082	05/14/07	1.0
PCB 1248	BDL	0.17	mg/kg	8082	05/14/07	10
PCB 1254	2.8	0.17	mg/kg	8082	05/14/07	10
PCB 1260	2.0	0.17	"3/ va	0002	03/14/07	10
PCBs Surrogates				0000	05/14/07	10
Decachlorobiphenyl	84.9		% Rec.	8082		10
Tetrachloro-m-xylene	98.6		% Rec.	8082	05/14/07	10

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

The reported analytical results relate only to the sample submitted.

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12065 Lebanon Rd. Mt. Juliet, TN 37122 (615) 758-5858 1-800-767-5859

Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. May 14, 2007

Phoenix, AZ 85040

ESC Sample # : L292721-10

Date Received :

10, 2007 May

Description

Washington Park Dupont Circle

Site ID :

Sample ID

G3-1

Project # : 2187JK136

Collected By Collection Date : Regonini/Clemens/Vo 05/09/07 11:50

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL 23.	1.7 1.7 1.7 1.7 1.7 1.7	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	05/14/07 05/14/07 05/14/07 05/14/07 05/14/07 05/14/07 05/14/07	100 100 100 100 100 100
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	0.00		% Rec. % Rec.	8082 8082	05/14/07 05/14/07	100 100

BDL - Below Detection Limit Det. Limit - Practical Quantitation Limit(PQL)

Note:

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040 May 14, 2007

ESC Sample # : L292721-11

Project # : 2187JK136

10, 2007 May

Date Received : Description : Washington Park Dupont Circle

Site ID :

Sample ID G3-2

Collected By : Regonini/Clemens/Vo Collection Date : 05/09/07 11:57

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	0.85	mg/kg	8082	05/14/07	50
	BDL	0.85	mg/kg	8082	05/14/07	50
PCB 1221	BDL	0.85	mg/kg	8082	05/14/07	50
PCB 1232		0.85	mg/kg	8082	05/14/07	50
PCB 1242	BDL			8082	05/14/07	50
PCB 1248	BDL	0.85	mg/kg		05/14/07	50
PCB 1254	BDL	0.85	mg/kg	8082		
PCB 1260	28.	0.85	mg/kg	8082	05/14/07	50
PCBs Surrogates					00/01/00	
Decachlorobiphenyl	0.00		% Rec.	8082	05/14/07	50
Tetrachloro-m-xylene	0.00		% Rec.	8082	05/14/07	50

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.



Tax I.D. 62-0814289

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REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

May 14, 2007

ESC Sample # : L292721-12

Date Received :

10, 2007 May

: Description

Washington Park Dupont Circle

Site ID :

Sample ID

G3-3

Project # : 2187JK136

Collected By

Regonini/Clemens/Vo 05/09/07 11:55

Collection Date :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls			. /1	0000	05/14/07	100
PCB 1016	BDL	1.7	mg/kg	8082	05/14/07 05/14/07	100
PCB 1221	BDL	1.7	mg/kg	8082		100
PCB 1232	BDL	1.7	mg/kg	8082	05/14/07	100
PCB 1242	BDL	1.7	mg/kg	8082	05/14/07	100
PCB 1248	BDL	1.7	mq/kg	8082	05/14/07	100
	BDL	1.7	mg/kg	8082	05/14/07	100
PCB 1254	32.	1.7	mg/kg	8082	05/14/07	100
PCB 1260	32.	2	((A) vA	0002	03, 11, 0,	200
PCBs Surrogates				0000	05/34/05	7.00
Decachlorobiphenyl	0.00		% Rec.	8082	05/14/07	100
Tetrachloro-m-xylene	0.00		% Rec.	8082	05/14/07	100

BDL - Below Detection Limit Det. Limit - Practical Quantitation Limit(PQL)

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.



Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040 May 14, 2007

ESC Sample # : L292721-13

10, 2007 Date Received : May

Washington Park Dupont Circle Description :

Site ID :

Sample ID G3-4

Project # : 2187JK136

Regonini/Clemens/Vo 05/09/07 11:45 Collected By : Collection Date :

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL 10.	0.85 0.85 0.85 0.85 0.85 0.85	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	05/14/07 05/14/07 05/14/07 05/14/07 05/14/07 05/14/07 05/14/07	50 50 50 50 50 50
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	0.00		% Rec. % Rec.	8082 8082	05/14/07 05/14/07	50 50

BDL - Below Detection Limit Det. Limit - Practical Quantitation Limit(PQL)

Note:

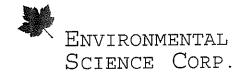
The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.

## Attachment A List of Analytes with QC Qualifiers

Sample #	Analyte	Qualifier
L292721-03	Decachlorobiphenyl	J7
222722	Tetrachloro-m-xylene	·
L292721-04	PCB 1260	E
2232722 0.0	Decachlorobiphenyl	J7
	Tetrachloro-m-xylene	Ј7
L292721-05	Decachlorobiphenyl	<b>J</b> 7
11272721 03	Tetrachloro-m-xylene	J7
L292721-06	PCB 1260	E
HEDEVAL 00	Decachlorobiphenyl	J7
	Tetrachloro-m-xylene	J7
L292721-07	Decachlorobiphenyl	J7
HZJZ/ZI U.	Tetrachloro-m-xylene	J7
L292721-08	Decachlorobiphenyl	J7
HZJZ/ZI 00	Tetrachloro-m-xylene	J7
L292721-10	Decachlorobiphenyl	J7
D292121-10	Tetrachloro-m-xylene	J7
L292721-11	PCB 1260	E
11232121-11	Decachlorobiphenyl	<b>J</b> 7
	Tetrachloro-m-xylene	J7
L292721-12	Decachlorobiphenyl	<b>ፓ</b> 7
11292121-12	Tetrachloro-m-xylene	J7
L292721-13	Decachlorobiphenyl	J7
HENE IET "TO	Tetrachloro-m-xylene	<b>J</b> 7

### Attachment B Explanation of QC Qualifier Codes

,	Qualifier	Meaning
and the second second	E	GTL (EPA) - Greater than upper calibration limit: Actual value is known to be greater than the upper calibration range.
, j	J7	Surrogate recovery limits cannot be evaluated; surrogates were diluted out
		Qualifier Report Information
	as required by most by ESC, we have imp results. Each qual Data qualifiers are the potential bias	and result qualifiers as set forth by the EPA Contract Laboratory Program and certifying bodies including NELAC. In addition to the EPA qualifiers adopted lemented ESC qualifiers to provide more information pertaining to our analytical ifier is designated in the qualifier explanation as either EPA or ESC. intended to provide the ESC client with more detailed information concerning of reported data. Because of the wide range of constituents and variety of ed by most EPA methods, it is common for some compounds to fall outside of These exceptions are evaluated and all reported data is valid and useable 'R' (Rejected).
Processor and and and	true val relevant	Definitions tionship of the observed value of a known sample to the ue of a known sample. Represented by percent recovery and to samples such as: control samples, matrix spike recoveries, e recoveries, etc.
Ver. 15. 15. 15. 15. 15. 15. 15. 15. 15. 15	Relates	eement between a set of samples or between duplicate samples. to how close together the results are and is represented by e Percent Differrence.
Section of the sectio	and chro determine ically	compounds that are similar in chemical composition, extraction, composition, extraction, composition, extraction, composition, extraction, composition, extraction, composition, extraction, composition, extraction, composition, extraction, extraction, composition, extraction, composition, extraction, extraction, composition, extraction, composition, extraction, extraction, composition, extraction, extraction, composition, extraction, extraction, composition, extraction, extr
because and	2-Fluorophenol Phenol-d5 2,4,6-Tribromopheno	31-119 Nitrobenzene-d5 43-118 Dibromfluoromethane 68-128 64-125 12-134 2-Fluorobiphenyl 45-128 Toluene-d8 76-115 69-118
,	TIC - Tentation not target or surre	vely Identified Compound: Compounds detected in samples that are get compounds, internal standards, system monitoring compounds, ogates.



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tern Technologies id Regonini 7 East Broadway Rd.

enix, AZ 85040

Quality Assurance Report Level II

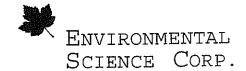
L292721

May 14, 2007

. <b></b> .		Lab Result	oratory Bla Units	nk Date Anal	vzed	Batch	
yte		Result	OHICS	Dace And	yzca	Dacon	
1016		< .017	mg/kg	05/11/07	14:15	WG299630	ANAMAN NAMA
1221		< .017	mg/kg	05/11/07		WG299630	
1232		< .017	mg/kg	05/11/07		WG299630	
1242		< .017	mg/kg	05/11/07			
1248		< .017	mg/kg	05/11/07		WG299630	
1254		< .017	mg/kg	05/11/07		WG299630	
1260	100	< .017	mg/kg	05/11/07	14:15	WG299630	
		* - 1		0			
				Sample Result	% Rec	Limit	Batch
yte		Units Kr	IOWII VAI	Result	* REC	73.1117.6	Datch
1260	The section of the se	mg/kg 1	67	0.132	78.8	64-120	WG299630
		Laboratory Co	ntrol Sampl	e Duplicate			
yte		Units LCSD	Res Ref Res	RPD	Limit %R	ec Batc	h
				1.86			

tch number /Run number / Sample number cross reference WG299630: R317942: L292721-01 02 03 04 05 06 07 08 09 10 11 12 13

<sup>\*</sup> Calculations are performed prior to rounding of reported values ...



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enix, AZ 85040

Quality Assurance Report Level II

L292721

May 14, 2007

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

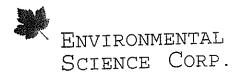
Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

Pepert to  Project Description:	. :	1.16	1 to: (77.17	d. 1 <u>0</u> 1 0):x . N	ur-us i	Transpose to the state of the s	4	anaivsis	Containe	erri-reser	valive	SCIENO 12065 Le Mt. Juliet, Phone (6	Chain or Custody Page of  ONMENTAL  CE CORP. banon Road  TN 37122  115) 758-5858  100) 767-5859
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Packed on Ice N Y S	Ne Tw	xt Day o Day ree Day Matrix*	. 100% . 50%	Email?FAX? \( \sum_{\text{Date}} \)		of Cntrs	PC8 s					Template/Prelogin Shipped Via: Remarks/Contaminant	Sample # (lab only)
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	<i>C.</i>	55	03"		11:05	i							06
	C	55	03"		11:25	)		To the same of the					<i>9</i> 8 99
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Sample ID	Comp/Grab	Matrix*	Depth	Date	Time		0						Remarks/Contaminant	Sample # (lab only)
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	6.	55	03"	590	1157	Ì								-11
	/	55	0-3"	5907	/155	1								-12
			0-3"	59-07	/145	1								-13
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olinquished by: (Signature)	Date: 5/9/	77 Time: 3: 1:	. / ~ /	ived for late	Signatu	re) 5/3	5/	A	Date: ان/ستور	רט	Time:	3	pH Checked:	NCF:

Dupont Circle – East End Vertical Profile Samples WT Job No. 2187JK136



Tax I.D. 62-0814289

Est. 1970

David Regonini Western Technologies 3737 East Broadway Rd.

Phoenix, AZ 85040

## Report Summary

Monday May 21, 2007

Report Number: L293349 Samples Received: 05/15/07 Client Project: 2137JK136

Description: Washington Park Dupont Circle

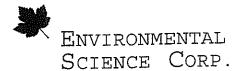
The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call,

Entire Report Reviewed By:

Representative Johnson, VES@

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 09227, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487 GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140 NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233 AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910



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REPORT OF ANALYSIS

David Regonini Western Technologies

3737 East Broadway Rd. Phoenix, AZ 85040

May 21, 2007

ESC Sample # : L293349-01

15, 2007 Date Received : May

Washington Park Dupont Circle Description :

Site ID :

B-15-1.5 Sample ID

Project #: 2137JK136

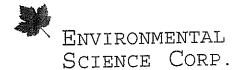
Collected By : A. Clemons Collection Date : 05/14/07 11:10

•	Result	Det. Limit	Units	Method	Date	Dil.
Parameter						
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL 1.6	0.085 0.085 0.085 0.085 0.085 0.085	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082 8082	05/16/07 05/16/07 05/16/07 05/16/07 05/16/07 05/16/07	5 5 5 5 5 5 5 5 5
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	99.1 55.8		% Rec. % Rec.	8082 8082	05/16/07 05/16/07	5 5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.



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REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

May 21, 2007

ESC Sample # : L293349-02

Date Received :

15, 2007 May

Description

Washington Park Dupont Circle

B-15-2.5 Sample ID

Site ID :

Project # : 2137JK136

Collected By : A. Clemons Collection Date : 05/14/07 11:20

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL 6.0	0.085 0.085 0.085 0.085 0.085 0.085 0.085	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082 8082	05/16/07 05/16/07 05/16/07 05/16/07 05/16/07 05/16/07	5 5 5 5 5 5 5
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	89.4 57.2		% Rec. % Rec.	8082 8082	05/16/07 05/16/07	5 5

BDL - Below Detection Limit Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040 May 21, 2007

ESC Sample # : L293349-03

15, 2007 Date Received :

: Washington Park Dupont Circle Description

Site ID :

Sample ID B-15-4 Project # : 2137JK136

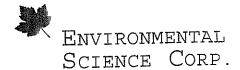
Collected By : A. Clemons Collection Date : 05/14/07 11:25

	Result	Det. Limit	Units	Method	Date	Dil.
Parameter						
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL BDL	0.085 0.085 0.085 0.085 0.085 0.085	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	05/16/07 05/16/07 05/16/07 05/16/07 05/16/07 05/16/07 05/16/07	5 5 5 5 5 5 5 5 5
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	58.4 47.6		% Rec. % Rec.	8082 8082	05/16/07 05/16/07	5 5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

May 21, 2007

ESC Sample # : L293349-04

Date Received : :

15, 2007 May

Description

Washington Park Dupont Circle

Sample ID

B-16-1.5

Site ID :

Project # : 2137JK136

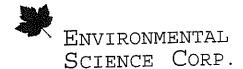
Collected By : A. Clemons Collection Date : 05/14/07 11:35

D. wamah ow	Result	Det. Limit	Units	Method	Date	Dil.
Parameter  Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL 0.18	0.017 0.017 0.017 0.017 0.017 0.017 0.017	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	05/17/07 05/17/07 05/17/07 05/17/07 05/17/07 05/17/07	1 1 1 1 1
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	94.2 67.4		% Rec. % Rec.	8082 8082	05/17/07 05/17/07	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

May 21, 2007

ESC Sample # : L293349-05

Date Received : May

15, 2007

Washington Park Dupont Circle Description

Site ID :

B-16-2.5 Project # : 2137JK136 Sample ID

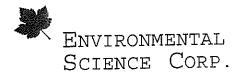
Collected By : A. Clemons Collection Date : 05/14/07 11:38

Parameter 03/11/07	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL 0.65	0.085 0.085 0.085 0.085 0.085 0.085 0.085	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	05/16/07 05/16/07 05/16/07 05/16/07 05/16/07 05/16/07 05/16/07	55555555
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	110. 68.4		% Rec. % Rec.	8082 8082	05/16/07 05/16/07	5 5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.



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REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

May 21, 2007

ESC Sample # : L293349-06

15, 2007 Date Received : May

Washington Park Dupont Circle Description :

Site ID :

Project # : 2137JK136

Sample ID B-16-4

Collected By : A. Clemons Collection Date : 05/14/07 11:45

T	Result	Det. Limit	Units	Method	Date	Dil.
Parameter  Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL BDL	0.085 0.085 0.085 0.085 0.085 0.085 0.085	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	05/16/07 05/16/07 05/16/07 05/16/07 05/16/07 05/16/07	55555555
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	83.4 55.6		% Rec. % Rec.	8082 8082	05/16/07 05/16/07	5 5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.



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REPORT OF ANALYSIS

David Regonini

Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

ESC Sample # : L293349-07

15, 2007 Date Received : May

Washington Park Dupont Circle Description

Site ID :

May 21, 2007

Sample ID B-17-4 Project # : 2137JK136

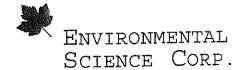
Collected By : A. Clemons Collection Date : 05/14/07 12:10

Collection base : " -, .	Result	Det. Limit	Units	Method	Date	Dil.
Parameter	Kebare	2001				
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL BDL BDL	0.085 0.085 0.085 0.085 0.085 0.085	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	05/16/07 05/16/07 05/16/07 05/16/07 05/16/07 05/16/07	5 5 5 5 5 5 5 5 5
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	103. 56.4		% Rec. % Rec.	8082 8082	05/16/07 05/16/07	5 5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.



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REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

May 21, 2007

ESC Sample # : L293349-08

Date Received :

15, 2007 May

Description

: Washington Park Dupont Circle

Sample ID

B-18-1.5

Site ID :

Project # : 2137JK136

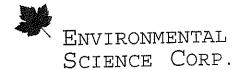
Collected By : A. Clemons Collection Date : 05/14/07 12:25

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL 6.2	0.085 0.085 0.085 0.085 0.085 0.085	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	05/16/07 05/16/07 05/16/07 05/16/07 05/16/07 05/16/07	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	66.0 51.8		% Rec. % Rec.	8082 8082	05/16/07 05/16/07	5 5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.



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REPORT OF ANALYSIS

May 21, 2007 David Regonini

Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

ESC Sample # : L293349-09

15, 2007 Date Received : May

Washington Park Dupont Circle Description Site ID :

B-18-2.5 Sample ID Project # : 2137JK136

Collected By : A. Clemons Collection Date : 05/14/07 12:33

_	Result	Det. Limit	Units	Method	Date	Dil.
Parameter						
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254	BDL BDL BDL BDL BDL 0.098	0.017 0.017 0.017 0.017 0.017 0.017	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	05/17/07 05/17/07 05/17/07 05/17/07 05/17/07 05/17/07 05/17/07	1 1 1 1 1
PCB 1260 PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	90.1 79.6	0.017	% Rec. % Rec.	8082 8082	05/17/07 05/17/07	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.



Tax I.D. 62-0814289

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REPORT OF ANALYSIS

David Regonini Western Technologies

3737 East Broadway Rd. Phoenix, AZ 85040

May 21, 2007

ESC Sample # : L293349-10

15, 2007 Date Received : May

Washington Park Dupont Circle Description

Site ID :

Sample ID B-18-4

Project # : 2137JK136

Collected By : A. Clemons Collection Date : 05/14/07 12:40

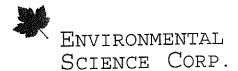
Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	0.085	mg/kg	8082	05/16/07	5
PCB 1221	BDL	0.085	mg/kg	8082	05/16/07	5
	BDL	0.085	mg/kg	8082	05/16/07	5
PCB 1232	BDL	0.085	mg/kg	8082	05/16/07	5
PCB 1242	BDL	0.085	mg/kg	8082	05/16/07	5
PCB 1248		0.085	mg/kg	8082	05/16/07	5
PCB 1254	BDL				05/16/07	5
PCB 1260	BDL	0.085	mg/kg	8082	03/10/07	5
PCBs Surrogates					0= (0 = (0=	
Decachlorobiphenyl	76.3		% Rec.	8082	05/16/07	5
Tetrachloro-m-xylene	56.8		% Rec.	8082	05/16/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.



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REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

May 21, 2007

ESC Sample # : L293349-11

Date Received :

15, 2007 May

Description : Washington Park Dupont Circle

Site ID :

Sample ID

B-19-1.5

Project # : 2137JK136

Collected By Collection Date :

: A. Clemons e: 05/14/07 12:45

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL 16.	0.085 0.085 0.085 0.085 0.085 0.085	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	05/16/07 05/16/07 05/16/07 05/16/07 05/16/07 05/16/07	មា មា មា មា មា មា មា
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	119. 67.1		% Rec. % Rec.	8082 8082	05/16/07 05/16/07	5 5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

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REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040 May 21, 2007

ESC Sample # : L293349-12

15, 2007 Date Received : May

: Washington Park Dupont Circle Description

Site ID :

B-19-2.5

Sample ID Project # : 2137JK136

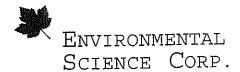
Collected By : A. Clemons Collection Date : 05/14/07 12:55

COLLECTION PROF	Result	Det. Limit	Units	Method	Date	Dil.
Parameter						
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL 1.0	0.085 0.085 0.085 0.085 0.085 0.085	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	05/16/07 05/16/07 05/16/07 05/16/07 05/16/07 05/16/07	5 5 5 5 5 5 5 5
pCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	165. 83.9		% Rec. % Rec.	8082 8082	05/16/07 05/16/07	5 5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd.

Phoenix, AZ 85040

May 21, 2007

ESC Sample # : L293349-13

15, 2007 Date Received : May

Washington Park Dupont Circle Description :

Site ID :

Project # : 2137JK136

Sample ID : B-19-4

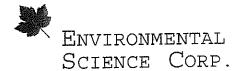
Collected By : A. Clemons Collection Date : 05/14/07 13:01

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL 0.38	0.085 0.085 0.085 0.085 0.085 0.085	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	05/16/07 05/16/07 05/16/07 05/16/07 05/16/07 05/16/07	5 5 5 5 5 5 5
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	77.8 77.7		% Rec. % Rec.	8082 8082	05/16/07 05/16/07	5 5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

David Regonini Western Technologies

3737 East Broadway Rd. Phoenix, AZ 85040

May 21, 2007

ESC Sample # : L293349-14

15, 2007 Date Received : May

Washington Park Dupont Circle Description :

Site ID :

Project # : 2137JK136

B-20-4 Sample ID

Collected By : A. Clemons Collection Date : 05/14/07 13:17

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL	0.085 0.085 0.085 0.085 0.085 0.085	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	05/16/07 05/16/07 05/16/07 05/16/07 05/16/07 05/16/07	ភ ស ស ស ស ស ស ស
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	102. 81.6		% Rec. % Rec.	8082 8082	05/16/07 05/16/07	5 5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

May 21, 2007

Site ID :

ESC Sample # : L293349-15

Project # : 2137JK136

Date Received : :

15, 2007 May

Description

Washington Park Dupont Circle

Sample ID

B-21-2.5

Collected By : A. Clemons Collection Date : 05/14/07 13:25

,,						
Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						_
PCB 1016	BDL	0.017	mg/kg	8082	05/17/07	1
PCB 1221	BDL	0.017	mg/kg	8082	05/17/07	1
PCB 1232	BDL	0.017	mg/kg	8082	05/17/07	1
	BDL	0.017	mg/kg	8082	05/17/07	1
PCB 1242	BDL	0.017	mg/kg	8082	05/17/07	i
PCB 1248		0.017	mg/kg	8082	05/17/07	1
PCB 1254	BDL				05/17/07	3
PCB 1260	0.097	0.017	mg/kg	8082	05/1//07	7
PCBs Surrogates					/ /	_
Decachlorobiphenyl	94.2		% Rec.	8082	05/17/07	1
Tetrachloro-m-xylene	75.8		% Rec.	8082	05/17/07	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

May 21, 2007

Site ID :

Date Received :

15, 2007 May

Description 1 Washington Park Dupont Circle

Sample ID

B-21-4

Collected By : A. Clemons Collection Date : 05/14/07 13:30

Project # : 2137JK136

ESC Sample # : L293349-16

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
	BDL	0.017	mg/kg	8082	05/17/07	1
PCB 1016	BDL	0.017	mg/kg	8082	05/17/07	ī
PCB 1221 PCB 1232	BDL	0.017	mg/kg	8082	05/17/07	1
PCB 1232 PCB 1242	BDL	0.017	mg/kg	8082	05/17/07	1
PCB 1242 PCB 1248	BDL	0.017	mg/kg	8082	05/17/07	1
PCB 1240 PCB 1254	BDL	0.017	mg/kg	8082	05/17/07	1
PCB 1254 PCB 1260	0.17	0.017	mg/kg	8082	05/17/07	1
PCBs Surrogates						
Decachlorobiphenyl	73.7		% Rec.	8082	05/17/07	1
Tetrachloro-m-xylene	68.5		% Rec.	8082	05/17/07	1

BDL - Below Detection Limit Det. Limit - Practical Quantitation Limit(PQL)

Note:

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.

## Attachment A List of Analytes with QC Qualifiers

Sample #	Analyte	Qualifier
L293349-02	PCB 1260 PCB 1016	E O
L293349-03		Ö
	PCB 1221 PCB 1232	Ō
	PCB 1232 PCB 1242	Ö
	PCB 1242 PCB 1248	ŏ
	PCB 1254	Ö
	PCB 1254 PCB 1260	Ö
	Tetrachloro-m-xylene	J2
		o o
L293349-06	PCB 1016	Ö
	PCB 1221	Ö
	PCB 1232	Ö
	PCB 1242	Ö
	PCB 1248 PCB 1254	Ö
	PCB 1254 PCB 1260	Õ
	PCB 1260 PCB 1016	Õ
L293349-07	PCB 1016 PCB 1221	Ō
	PCB 1221 PCB 1232	Ō
	PCB 1232 PCB 1242	Ö
	PCB 1242 PCB 1248	Ō
	PCB 1240 PCB 1254	Ō
	PCB 1254 PCB 1260	Ô
L293349-08	PCB 1260	E
L293349-08 L293349-10	PCB 1200	0
L293349-10	PCB 1221	0
	PCB 1232	0
	PCB 1242	0
	PCB 1248	0
	PCB 1254	0
	PCB 1260	0
L293349-11	PCB 1260	E
L293349-12	Decachlorobiphenyl	Jl
L293349-14	PCB 1016	0
1222212 21	PCB 1221	0
	PCB 1232	0
	PCB 1242	O
	PCB 1248	0
	PCB 1254	O
	PCB 1260	0

# Attachment B Explanation of QC Qualifier Codes

Qualifier	Meaning
E	GTL (EPA) - Greater than upper calibration limit: Actual value is known to be greater than the upper calibration range.
Jl	Surrogate recovery limits have been exceeded; values are outside upper control limits
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits
0	(ESC) Sample diluted due to matrix interferences that impaired the ability to make an accurate analytical determination. The detection limit is elevated in order to reflect the necessary dilution.

### Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

#### Definitions

- Accuracy The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.
- Precision The agreement between a set of samples or between duplicate samples.

  Relates to how close together the results are and is represented by Relative Percent Differrence.
- Surrogate Organic compounds that are similar in chemical composition, extraction, and chromotography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

  Control Limits (AQ)

Control Limits (AQ) (SS)

2-Fluorophenol 31-119 Nitrobenzene-d5 43-118 Dibromfluoromethane 68-128 64-125

Phenol-d5 12-134 2-Fluorobiphenyl 45-128 Toluene-d8 76-115 69-118

2.4.6-Tribromophenol 51-141 Terphenyl-d14 43-137 4-Bromofluorobenzene 79-127 61-134

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.



Tax I.D. 62-0814289

Est. 1970

stern Technologies
rid Regonini
}7 East Broadway Rd.

Quality Assurance Report Level II

L293349

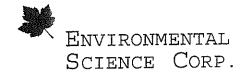
May 21, 2007

penix, AZ 85040

		oratory Bla	nk	
rte	Result	Units	Date Analyzed	Batch
. <b>01.6</b> g National and a side of a large state of the contract	< .017	mg/kg	05/16/07 13:38	WG300161
.221	< .017	mg/kg	05/16/07 13:38	WG300161
.232	< .017	mg/kg	05/16/07 13:38	WG300161
242	< .017	mg/kg	05/16/07 13:38	WG300161
248	< .017	mg/kg	05/16/07 13:38	WG300161
.254	< .017	mg/kg	05/16/07 13:38	WG300161
260	< .017	mg/kg	05/16/07 13:38	WG300161
	Tabazata	y Control	Cample	
	Units Kn	own Val	Result % Rec	: Limit Batch
rte	OHIES ICH	74411 1 44 1		
<b>260</b> (1981) (1981) (1981) (1981) (1981)	mg/kg .1	5 <b>7</b> . 11. 14. 14. 14. 14. 14. 14. 14. 14. 14	0.119 71.3	64-120 WG300161
	Laboratory Co	trol Sampl	e Duplicate	
rte	Units LCSD	Res Ref Res	RPD Limit %	Rec Batch
rte	Australia I			
260	mg/kg 0.1:	0.119	0.733 20 7	72 WG300161
A COMMISSION OF THE PARTY OF TH				
		trix Spike es Ref Re	் s TV % Rec Liπ	nit Ref Samp Batch
te	Units MS Re	s ker ke	S IV & REC LIN	itc Ker Samp Baccii
260 - 344 - 44 - 44 - 44 - 44 - 44 - 44 -	mg/kg 0.1	87 0 - 00:	167 82.2 59	134 L293349-03 WG3001
260	9/ 119 012	.,		
	المراك المدالة المعتورة ال	Spike Dupl	icate	
	Macrix	TOTAL DUDI	RPD Limit %	Rec Ref Samp Batch

ttch number /Run number / Sample number cross reference

WG300161: R318336: L293349-01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16



Tax I.D. 62-0814289

Est. 1970

tern Technologies id Regonini 7 East Broadway Rd.

enix, AZ 85040

Quality Assurance Report Level II

L293349

May 21, 2007

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

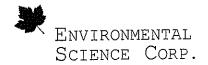
Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

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Chane: 50.2-437-37-37	Client Project #	: Carone	ESC Key:		~ <u>; /1</u>	<u> </u>	-							Phone (8	00) 767-5859	
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320-25.	6	55	2.51	5/14/07	1	l l					HOLD:	
Proceeding	a	55	4 '	9/11/27	1:17	1	X					-14
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Remarks:				1						Flow	Otl	ner
Colinquished by: (Signature)	Date:	/ Time:	Receiv	ed/by: (Signa	ture)	····		Sample	s returned	l via: □ UPS	Condition:	(lab use only)
1 14 / 1/2	5/14		5 ///	Turk	50 L M	10-11	<u>^_</u>	☐ FedE	x 🗆 Cou	rier 🗆		
elinquished by: (signature)	Date:	Time:		ed by: (Signe	Ville in	<i>V 1</i>		Temp:	(rc	Bottles Receive	1	2/(
ਿelinquished bγ: (Slgnature)	Date:	Time:	Recei	ved for lab b	>		<b>&gt;</b>	Date: 5-15	- <del></del> -)	Time:	pH Checked:	NCF:

STRT E BR DHY, AZ	orogies oadway 35040	> (c41)				and the second s								Page 3 of 3  NMENTAL  E CORR
								1					12065 Leb	E CORP.
Seport to D		Emai	il to:	1.0.	L								Mt. Juliet, T	[
Project DAVID REC Project Description: WASHINGTON A	> CNINI	l	City/Sate N	<u>4,5 M.n</u>	11-35.	٣٠٠							Phone (61	5) 758-5858
Description: WASH(NUTDO V			Collected -	4x, A-	2				-					00) 767-5859
Chone: 6-69 . 437-3737	Client Project #		ESC Key:				~					1	FAX (61	15) 758-5859
Collected by: A / 18 40w/	メじって3 Site/Facility ID:	· · · · · · · · · · · · · · · · · · ·	P.O.#:				083							
The Control of the Co						·	80							
Collected by (signature):	Rush? (La Sa	b MUS i Be i me Day ,		Date Resul		No.	0,0						CoCode	(lab use only)
	Ne	xt Day	100%	Email?	No XYes	of	<b>&amp;</b>						Template/Prelogin	
tracked on Ice N 1 Y X	1	ro Day ree Day		FAX?	NoYes	Cntrs	J						Shipped Via:	
Sample ID	Comp/Grab	Matrix*	Depth	Date	Time		0-					F	Remarks/Contaminant	Sample # (lab only)
321-25	Ca	55	2.51	5/14/07	じなら	l	X							1793349-15
3-21-4	(x	<del>5</del> 5	ų.	7/14/07	1.30	1	X							-16
				1 1										
* "HITT-TE" FAM AS THE WINDOWS MANAGEMENT MANAGEMENT AND ASSESSMENT ASSESSMEN														
THE RESIDENCE OF THE PROPERTY														
*Matrix: SS - Soil/Solid GW - Gro	oundwater <b>WW</b>	- WasteWate	r DW - Drini	king Water	OT - Other_							рН	Ter	mp
Remarks:				1								Flow _	Otl	ner
Pelinguished by: (Signature)				ed by. (Sign		ne			Sample FedE	s returne x □ Cou	d via: 🖂 UI ırier 🔲	PS	Condition:	(lab use only)
Relinquished by: (Signature)	Date:		Receiv	red by: (Sign					Temp:	YIC	Bottles F	Received		)(6
Solinquished by: (Signature)	Date:	Time:	Rece	wed for lab l	by: Signatu	re)_			Date:	MINE.	Time: 67.4	5	pH Checked:	NCF:
}		I	11						1		1			<u> </u>

Lot 5 - Proposed Restaurant/Retail Interval Grid Surface Samples WT Job No. 2187JK157



Tax I.D. 62-0814289

Est. 1970

David Regonini Western Technologies 3737 East Broadway Rd.

Phoenix, AZ 85040

Report Summary

Friday May 18, 2007

Report Number: L292830 Samples Received: 05/10/07 Client Project: 2187JK157

Description: Washington Park Lot 5

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

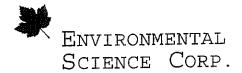
Entire Report Reviewed By:

Travis Johnson, ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 09227, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487 GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375, DW21704, ND - R-140 NJ - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233 AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies

3737 East Broadway Rd. Phoenix, AZ 85040

May 18, 2007

ESC Sample # : L292830-01

Date Received : Description :

10, 2007 May Washington Park Lot 5

Site ID :

Sample ID

1-1

Project # : 2187JK157

Collected By

Regonini/Clemens/Vo Collected By : Regonini/Cleme: Collection Date : 05/09/07 12:47

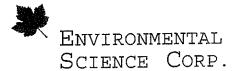
Parameter	Result	Det. Limit	Units	Method	Date	Dil.	
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260	BDL BDL BDL BDL BDL 1.1	0.085 0.085 0.085 0.085 0.085 0.085 0.085	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082	05/16/07 05/16/07 05/16/07 05/16/07 05/16/07 05/16/07	5 5 5 5 5 5	
PCBs Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	82.1 110.		% Rec. % Rec.	8082 8082	05/16/07 05/16/07	5 5	

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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REPORT OF ANALYSIS

David Regonini Western Technologies

3737 East Broadway Rd. Phoenix, AZ 85040

May 18, 2007

Site ID :

ESC Sample # : L292830-02

Project # : 2187JK157

Date Received : Description

10, 2007 May Washington Park Lot 5

1-2

Sample ID

Regonini/Clemens/Vo 05/09/07 12:45

Collected By Collection Date :

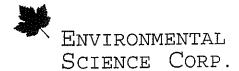
Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	0.085	mg/kg	8082	05/16/07	5
PCB 1221	BDL	0.085	mg/kg	8082	05/16/07	5
	BDL	0.085	mg/kg	8082	05/16/07	5
PCB 1232	BDL	0.085	mg/kg	8082	05/16/07	5
PCB 1242	BDL	0.085	mg/kg	8082	05/16/07	5
PCB 1248		0.085	mg/kg	8082	05/16/07	5
PCB 1254	BDL			8082	05/16/07	5
PCB 1260	2.4	0.085	mg/kg	0002	03/18/07	Ş
PCBs Surrogates					0= (= 0 (0=	
Decachlorobiphenyl	105.		% Rec.	8082	05/16/07	5
Tetrachloro-m-xylene	106.		% Rec.	8082	05/16/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

May 18, 2007

ESC Sample # : L292830-03

Date Received : Description

10, 2007 May Washington Park Lot 5

Site ID :

Project # : 2187JK157

Sample ID 1-3

Collected By : Regonini/Clemens/Vo Collection Date : 05/09/07 12:45

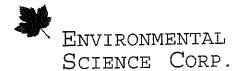
Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	0.085	mg/kg	8082	05/16/07	5
PCB 1221	BDL	0.085	mg/kg	8082	05/16/07	5
PCB 1232	BDL	0.085	mg/kg	8082	05/16/07	5
PCB 1232 PCB 1242	BDL	0.085	mg/kg	8082	05/16/07	5
	BDL	0.085	mg/kg	8082	05/16/07	5
PCB 1248	BDL	0.085	mg/kg	8082	05/16/07	5
PCB 1254		0.085	mg/kg	8082	05/16/07	5
PCB 1260	2.0	0.005	IIIg/ kg	0002	03/10/07	٠,
PCBs Surrogates				0000	05/16/05	<del>-</del>
Decachlorobiphenyl	104.		% Rec.	8082	05/16/07	5
Tetrachloro-m-xylene	105.		% Rec.	8082	05/16/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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Tax I.D. 62-0814289

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REPORT OF ANALYSIS

David Regonini

Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

May 18, 2007

ESC Sample # : L292830-04

Date Received : Description :

10, 2007 May Washington Park Lot 5

Site ID :

Sample ID

1-4

Project # : 2187JK157

Collected By : Regonini/Cleme Collection Date : 05/09/07 12:50 Regonini/Clemens/Vo

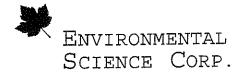
Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016 PCB 1221 PCB 1232 PCB 1242 PCB 1248 PCB 1254 PCB 1260 PCBS Surrogates Decachlorobiphenyl Tetrachloro-m-xylene	BDL BDL BDL BDL BDL 3.0 109.	0.085 0.085 0.085 0.085 0.085 0.085 0.085	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg	8082 8082 8082 8082 8082 8082 8082 8082	05/16/07 05/16/07 05/16/07 05/16/07 05/16/07 05/16/07 05/16/07	5555555555

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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Tax I.D. 62-0814289

Est. 1970

05/16/07

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. May 18, 2007

Site ID :

8082

ESC Sample # : L292830-05

Project # : 2187JK157

Phoenix, AZ 85040

10, 2007 May

Date Received :

Washington Park Lot 5

Sample ID

Description

2-1

Decachlorobiphenyl

Tetrachloro-m-xylene

Regonini/Clemens/Vo Collected By : Regonini/Clemes Collection Date : 05/09/07 12:52

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	0.085	mg/kg	8082	05/16/07	5
	BDL	0.085	mg/kg	8082	05/16/07	5
PCB 1221	BDL	0.085	mg/kg	8082	05/16/07	5
PCB 1232				8082	05/16/07	5
PCB 1242	BDL	0.085	mg/kg		05/16/07	5
PCB 1248	$\mathtt{BDL}$	0.085	mg/kg	8082		_
PCB 1254	BDL	0.085	mg/kg	8082	05/16/07	5
	2.1	0.085	mg/kg	8082	05/16/07	5
PCB 1260	2.7	***	J. J			
PCBs Surrogates	25 7		% Rec.	8082	05/16/07	5
Decachlorobiphenyl	77.7		o 1620.	0002	00/10/0/	_

% Rec.

97.4

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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Tax I.D. 62-0814289

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REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

May 18, 2007

ESC Sample # : L292830-06

Date Received : Description

10, 2007 May Washington Park Lot 5

Site ID :

2-2

Project # : 2187JK157

Sample ID

Regonini/Clemens/Vo Collected By Collection Date : 05/09/07 12:50

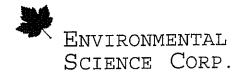
Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						_
PCB 1016	BDL	0.085	mg/kg	8082	05/16/07	5
PCB 1221	BDL	0.085	mg/kg	8082	05/16/07	5
PCB 1232	BDL	0.085	mg/kg	8082	05/16/07	5
	BDL	0.085	mg/kg	8082	05/16/07	5
PCB 1242	BDL	0.085	mg/kg	8082	05/16/07	5
PCB 1248		0.085	mg/kg	8082	05/16/07	5
PCB 1254	BDL	-			05/16/07	5
PCB 1260	1.8	0.085	mg/kg	8082	02/16/07	J
PCBs Surrogates					( 1	_
Decachlorobiphenyl	99.0		% Rec.	8082	05/16/07	5
Tetrachloro-m-xylene	100.		% Rec.	8082	05/16/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

May 18, 2007

Site ID :

ESC Sample # : L292830-07

Project # : 2187JK157

Date Received :

10, 2007 May

Description

Washington Park Lot 5

Sample ID

2-3

Regonini/Clemens/Vo

Collected By : Regonini/Clement Collection Date : 05/09/07 13:00

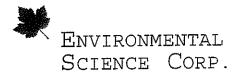
Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	0.085	mg/kg	8082	05/16/07	5
PCB 1221	BDL	0.085	mg/kg	8082	05/16/07	5
PCB 1232	BDL	0.085	mg/kg	8082	05/16/07	5
PCB 1232 PCB 1242	BDL	0.085	mg/kg	8082	05/16/07	5
	BDL	0.085	mg/kg	8082	05/16/07	5
PCB 1248	BDL	0.085	mq/kq	8082	05/16/07	5
PCB 1254 PCB 1260	4.9	0.085	mg/kg	8082	05/16/07	5
	1.7	0.000			• •	
PCBs Surrogates	107.		% Rec.	8082	05/16/07	5
Decachlorobiphenyl Tetrachloro-m-xylene	102.		% Rec.	8082	05/16/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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Est. 1970

May 18, 2007

Site ID :

ESC Sample # : L292830-08

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

Date Received : 10, 2007 May

Washington Park Lot 5 Description :

Sample ID

Collected By : Regonini/Clemens/Vo Collection Date : 05/09/07 13:02

Project # : 2187JK157

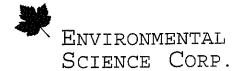
Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	0.085	mg/kg	8082	05/16/07	5
PCB 1221	BDL	0.085	mg/kg	8082	05/16/07	5
	BDL	0.085	mg/kg	8082	05/16/07	5
PCB 1232	BDL	0.085	mg/kg	8082	05/16/07	5
PCB 1242	BDL	0.085	mg/kg	8082	05/16/07	5
PCB 1248		0.085	mg/kg	8082	05/16/07	5
PCB 1254	BDL				05/16/07	5
PCB 1260	2.1	0.085	mg/kg	8082	05/16/07	5
PCBs Surrogates						_
Decachlorobiphenyl	92.2		% Rec.	8082	05/16/07	5
Tetrachloro-m-xylene	98.8		% Rec.	8082	05/16/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)

Note:

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Tax I.D. 62-0814289

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REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040

May 18, 2007

ESC Sample # : L292830-09

Date Received :

10, 2007 May

3-2

Site ID :

Washington Park Lot 5 Description

Project # : 2187JK157

Sample ID

Regonini/Clemens/Vo

Collected By Collection Date :

Regonimi, 0.2.... 05/09/07 13:00

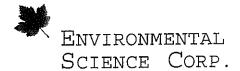
Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	$\mathtt{BDL}$	0.085	mg/kg	8082	05/16/07	5
PCB 1221	BDL;	0.085	mg/kg	8082	05/16/07	5
PCB 1232	BDL	0.085	mg/kg	8082	05/16/07	5
PCB 1232 PCB 1242	BDL	0.085	mg/kg	8082	05/16/07	5
PCB 1242 PCB 1248	BDL	0.085	mg/kg	8082	05/16/07	5
=	BDL	0.085	mg/kg	8082	05/16/07	5
PCB 1254	BDL	0.085	mg/kg	8082	05/16/07	5
PCB 1260	חחפ	0.005	mg/ 129	0002	05, 20, 0.	-
PCBs Surrogates	110		% Rec.	8082	05/16/07	5
Decachlorobiphenyl	119.					5
Tetrachloro-m-xylene	110.		% Rec.	8082	05/16/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. Phoenix, AZ 85040 May 18, 2007

ESC Sample # : L292830-10

Date Received :

May 10, 2007

Description 2 Washington Park Lot 5

Sample ID

3-3

Site ID :

Project # : 2187JK157

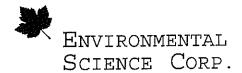
Collected By : Regonini/Clemens/Vo Collection Date : 05/09/07 13:05

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls PCB 1016	BDL	0.085	mg/kg	8082	05/16/07	5
PCB 1221 PCB 1232	BDL BDL	0.085 0.085	mg/kg mg/kg	8082 8082	05/16/07 05/16/07	5 5
PCB 1242	BDL BDL	0.085	mg/kg mg/kg	8082 8082	05/16/07 05/16/07	5 5
PCB 1248 PCB 1254	BDL	0.085	mg/kg	8082 8082	05/16/07 05/16/07	5 5
PCB 1260 PCBs Surrogates	10.	0.085	mg/kg		• •	-
Decachlorobiphenyl Tetrachloro-m-xylene	122. 103.		% Rec. % Rec.	8082 8082	05/16/07 05/16/07	5 5

BDL - Below Detection Limit Det. Limit - Practical Quantitation Limit(PQL)

Note:

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

David Regonini Western Technologies 3737 East Broadway Rd. May 18, 2007

ESC Sample # : L292830-11

Phoenix, AZ 85040

May

Site ID :

Date Received : 10, 2007 Washington Park Lot 5 Description

Project # : 2187JK157

Sample ID

Collected By : Regonini/Clemens/Vo Collection Date : 05/09/07 13:03

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Polychlorinated Biphenyls						
PCB 1016	BDL	0.085	mg/kg	8082	05/16/07	5
PCB 1221	BDL	0.085	mg/kg	8082	05/16/07	5
PCB 1232	BDL	0.085	mg/kg	8082	05/16/07	5
_ +	BDL	0.085	mg/kg	8082	05/16/07	5
PCB 1242	BDL	0.085	mg/kg	8082	05/16/07	5
PCB 1248				8082	05/16/07	5
PCB 1254	BDL	0.085	mg/kg			
PCB 1260	6.8	0.085	mg/kg	8082	05/16/07	5
PCBs Surrogates					4	
Decachlorobiphenyl	122.		% Rec.	8082	05/16/07	5
Tetrachloro-m-xylene	102.		% Rec.	8082	05/16/07	5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)

Note:

The reported analytical results relate only to the sample submitted. This report shall not be reproduced, except in full, without the written approval from ESC.

## Attachment A List of Analytes with QC Qualifiers

Sample #	Analyte	Qualifier
L292830-02	PCB 1260	E
L292830-03	PCB 1260	· · E
L292830-04	PCB 1260	E
L292830-05	PCB 1260	E
L292830-06	PCB 1260	E
L292830-07	PCB 1260	E
L292830-08	PCB 1260	E
L292830-09	PCB 1016	0
	PCB 1221	0
	PCB 1232	0
	PCB 1242	0
	PCB 1248	0
	PCB 1254	0
	PCB 1260	0
L292830-10	PCB 1260	E
L292830-11	PCB 1260	E

### Attachment B Explanation of QC Qualifier Codes

Qualifier	Meaning
E	GTL (EPA) - Greater than upper calibration limit: Actual value is known to be greater than the upper calibration range.
0	(ESC) Sample diluted due to matrix interferences that impaired the ability to make an accurate analytical determination. The detection limit is elevated in order to reflect the necessary dilution.

### Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

#### Definitions

- Accuracy The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.
- Precision The agreement between a set of samples or between duplicate samples.

  Relates to how close together the results are and is represented by Relative Percent Differrence.
- Surrogate Organic compounds that are similar in chemical composition, extraction, and chromotography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

  Control Limits (AQ)

2-Fluorophenol 31-119 Nitrobenzene-d5 43-118 Dibromfluoromethane 68-128 64-125 Phenol-d5 12-134 2-Fluoropiphenyl 45-128 Toluene-d8 76-115 69-118

2,4,6-Tribromophenol 51-141 Terphenyl-dl4 43-137 4-Bromofluorobenzene 79-127 61-134

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.



Tax I.D. 62-0814289

Est. 1970

tern Technologies rid Regonini 7 East Broadway Rd.

enix, AZ 85040

Quality Assurance Report Level II

L292830

May 18, 2007

		Laboratory	Blank				
yte	Result	Unit	s Dat	e Analyzed	i Bato	n.	
anan 6a, ak ak akabasa, la triba s	agaa jagasaa kapaa aa 9 <b>.&lt;</b> 2,4 <b>01.7</b> 36	mg/k	g 05/	14/07 18:5	3 WG29	9773	
1221	< .017	mg/k	g 05/:	14/07 18:5		9773	
1232	< .017	mg/k	g 05/	14/07 18:5	3 WG29	9773	
	1944   1945   1944	mg/,k		14/07 18:5		9773	
1248	< .017	mg/k	g 05/	14/07 18:5		9773 9773	
1254	< .017	mg/k mg/k		14/07 18:5 14/07 18:5		9773	
<b>1260</b> (25 files keeps 12 feb.)	.,	mGt.v	9927.	T-47.0 % T-0.45	9.5.000		ensk i de kelonolin kristika nedana
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1242	< .017	mg/k	g 05/:	14/07 19:2		9850	
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yte	Units	Known Val	Resul	ક	Rec Li	mit	Batch
		and Academic States	0.118		0.6 64	-120	WG299773
1260	mg/kg	.167	0.4440	od Bolinste Both for Westerski	V • O	_1, <b>2.U</b>	110423773
1260	mg/kg	.167	0.148	8	8.6 64	-120	WG299850
	Laboratory	_Control Sa	mple Dup	Licate	- en	D- + -1	<u>_</u>
yte	Units LU	SD Res Ref	kes 1	RPD Limi	t %Rec	Batcl	[1
1260	mg/kg	0.134 0.	118 12	.6 20	80	WG295	9773
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	mq/kg	0.172 0.	148 15	.0 20	103	WG299	2050

tch number /Run number / Sample number cross reference

WG299773: R318056: L292830-01 02 03 04 05 06 07 08 09 WG299850: R318057: L292830-10 11



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The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

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